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# ANNUAL CATALOG

OF THE

# Mississippi Agricultural and Mechanical College



## ANNOUNCEMENTS
## 1921-1922

AGRICULTURAL COLLEGE, MISSISSIPPI

# BULLETIN

OF THE

# Mississippi Agricultural and Mechanical College

## FORTY-FIRST ANNUAL CATALOG 1920-1921

## ANNOUNCEMENTS 1921-1922

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1921.

Entrance and Advanced Standing Examinations, Tuesday, September 20
Fall Semester begins.....Wednesday, September 21
Matriculation and Registration.....September 21 and 22
Recitations begin .....Friday, September 23
Thanksgiving Day (Holiday).....Thursday, November 24
Christmas Holidays begin.....5 p. m., Wednesday, December 21

1922.

Christmas Holidays end.....8 p. m., Wednesday, January 4
Recitations resumed .....Thursday, January 5
Examinations, Fall Semester.....February 1, 2, 3, 4
Spring Semester begins.....February 5
Washington's Birthday (Holiday).....Wednesday, February 22
Field Day (Holiday) .....Friday, May 5
Commencement Sunday .....June 4
Annual Address and Delivery of Diplomas.....Monday, June 5
Examinations, Spring Semester.....June 6, 7, 8, 9

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Perry—W. J. Johnston, Jr. . . . . New Augusta.
Pike—A. J. Flowers . . . . . Magnolia.
Pontotoc—C. M. Holland . . . . . Pontotoc.
Prentiss—N. S. Martin . . . . . Booneville.
Quitman—R. W. McKee, Jr. . . . . Marks.
Rankin—S. V. Burks . . . . . Brandon.
Simpson—I. R. Bradshaw . . . . . Mendenhall.
Stone—L. R. Weeks . . . . . Wiggins.
Tallahatchie—J. W. Carpenter . . . . . Charleston.
Tate—F. A. Rew . . . . . Senatobia.
Tippah—W. T. Pollard . . . . . Ripley.
Union—W. C. Mims . . . . . New Albany.
Walthall—J. O. Emmerich . . . . . Tylertown.
Warren—W. R. Lominick . . . . . Vicksburg.
Webster—W. L. McBride . . . . . Eupora.
Winston—R. P. White . . . . . Louisville.
Yalobusha—T. W. Patten . . . . . Coffeeville.
Yazoo—J. S. McKewen . . . . . Yazoo City.

### Negro Agents.

M. M. HUBERT, District Agent, Jackson, Miss.
J. R. JACKSON, Assistant Boys' Club Agent, Jackson, Miss.

### Local Negro Agents.

Amite—A. D. Huff . . . . . Gloster.
Bolivar—A. M. Snowden . . . . . Symonds.
Coahoma—W. H. Lenoir . . . . . Clarksdale.
Grenada—A. H. Henderson . . . . . Grenada.
Humphreys and Leflore.—David Capshaw . . . . . Deovolente.
Madison—J. R. Love . . . . . Canton.
Panola—N. S. Cox . . . . . Batesville.
Pike—T. M. Moman . . . . . Magnolia.
Sunflower—G. F. Stephens . . . . . Indianola.
Warren—J. D. Polk . . . . . Vicksburg.

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## HOME ECONOMICS DIVISION.

( In Active Service January 1, 1921. )

R. S. WILSON, Director of Extension.
MISS SUSIE V. POWELL, Assistant Director in Charge of Home Demonstration Work.

MISS LULA TUNISON, Assistant State Agent in Charge of Girls' Clubs.
MISS MARY E. JOHNSTON, Assistant in Charge, Canning Clubs.
MISS AGNES DONALDSON, Dairy Specialist.
MISS M. ESTHER ROGERS, Assistant State Agent in Charge, Foods and Cookery.
MISS VICTORIA HILL, Assistant State Agent in Charge, Household Art.
MRS. F. A. ELDRED, Market Specialist.
MRS. DELLA B. ALLEY, District Agent, Delta Section, Agricultural College, Miss.
MRS. M. S. DODDS, District Agent, Southwest District, Jackson, Miss.
MRS. MAGGIE I. NOEL, District Agent, Southeast District, Jackson, Miss.
MISS SEE RICE, District Agent, Northeast District, Agricultural College, Miss.
MISS EDNA WADDELL, Stenographer.
MISS NANNIE RANDLE, Stenographer.
MRS. GRACE STAFFORD, Stenographer.
MISS JUANITA ROGERS, Stenographer.
MISS ZUE MILLER BURNEY, Stenographer.
MISS SAIDIE HOLLIDAY, Bulletin Clerk.

### County Home Demonstration Agents.

Adams—Miss Lula Steinwinder . . . . . Natchez.
Attala—Mrs. Lilla Fisackerly . . . . . Kosciusko.
Bolivar—Mrs. Margaret Compton . . . . . Cleveland.
Benton—Mrs. Anise Browning . . . . . Ashland.
Clay—Miss Nellie May Wells . . . . . West Point.
Copiah—Miss Mittie Fugler . . . . . Hazlehurst.
Forrest—Miss Dixie May . . . . . Hattiesburg.
George—Miss Annie Christopher . . . . . Lucedale.
Harrison—Miss Anna Belle Anderson . . . . . Gulfport.
Hinds—Mrs. J. T. Calhoun . . . . . Jackson.
Jackson—Miss Iola Monteith . . . . . Pascagoula.
Jefferson—Miss Melissa Johnson . . . . . Fayette.
Jones—Miss Sallie Cirlot . . . . . Ellisville.
Lafayette—Miss Mary E. Doney . . . . . Oxford.
Lauderdale—Miss Katherine Staley . . . . . Meridian.
Marion—Mrs. Lula Holmes . . . . . Columbia.
Oktibbeha—Miss Harriet M. Jones . . . . . Starkville.
Panola—Mrs. Olive K. Barnes . . . . . Batesville.
Pearl River—Miss Lena Bolt . . . . . Poplarville.
Pike—Miss Mabel R. Beasley . . . . . Magnolia.
Quitman—Mrs. O. M. Prater . . . . . Lambert.

Sharkey—Miss Emma Peeler . . . . . Rolling Fork.
Simpson—Miss Mattie Craig . . . . . Mendenhall.
Tate—Miss Eva Caldwell . . . . . Senatobia.
Tunica—Miss Minnie Joseph . . . . . Tunica.
Tallahatchie—Miss Elaine Massey . . . . . Charleston.
Union—Mrs. H. B. Wiseman . . . . . Cotton Plant.
Warren—Miss Mary P. Gorman . . . . . Vicksburg.
Winston—Miss Alyne Bacon . . . . . Louisville.
Yalobusha—Mrs. Lillian Dorris Thornton . . . . . Water Valley.
Yazoo—Miss Lillian Lawley . . . . . Yazoo City.

**Negro Agents.**

ALICE CARTER OLIVER, District Agent, Clarksdale, Miss.

Bolivar—Winnie Watts . . . . . Cleveland.
Coahoma—Emma B. Johnson . . . . . Clarksdale.
Lauderdale—Lula Toler . . . . . Meridian.
Humphreys—Grace Gregory . . . . . Belzoni.
Issaquena—Mattie Jordan . . . . . Mayersville.
Madison—Anna Ames . . . . . Canton.
Oktibbeha—Letha Gilliam . . . . . Starkville.
Quitman—Virlie D. Moody . . . . . Marks.
Sharkey—Sylvia Perkins . . . . . Rolling Fork.
Sunflower—Louise Minter . . . . . Indianola.
Tunica—Julia Pegram . . . . . Tunica.
Tallahatchie—Mary Grayson . . . . . Charleston.
Washington—Kate Lewis . . . . . Greenville.

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## ALUMNI ASSOCIATION HEADQUARTERS.

J. WENDELL BAILEY, B. Sc., A. B., M. Sc., Permanent Secretary.
MISS EMILY WARD, Stenographer.

# STANDING COMMITTEES OF THE FACULTY

**Discipline:** Professors Walker, Herbert, Robert, Hand, Bowen, Elting, Weddell.

**Library:** Professors Briscoe, R. W. Harned, Towles, Butts, Jones, Miss Hall.

**Catalog:** Professors Bowen, Herbert, R. W. Harned, Weddell, Mellen, Towles, Morse, Walthall.

**Examinations:** Professors Weddell, Moody, Beal, Barnett, Morse, Lusk.

**Courses of Instruction:** Professors Walker, Herbert, Hand, Moore, Bowen, McKay, Harned, Weddell, Butts, Carpenter, Patterson, Robert, Lusk.

**Classification of Students:** Professors Walker, Robert, Hand, Bowen, Weddell.

**Campus and Buildings:** Professors McKay, Barnett, Freeman, Morse, Gladney, Lobdell.

**Lyceum:** Professors Herbert, Patterson, Moody, Barnett, Broadfoot.

**Pictureland:** Professors Patterson, Beal, Gaines.

**Graduate Study:** Professors Walker, Hand, Robert, Bowen, Weddell.

**Housing:** Professors Walker, Ricks, Wilson, M. H. Moore.

**Self-Help:** Professors Herbert, Carpenter, Gladney, Broadfoot, J. S. Moore, Clayton.

**Student Organizations:** Professor Gaines, Chairman.

**Publications:** Professors Mellen, Bowen, Gross, VanSickler.

**Organizations:** Professors Hand, Butts, Lusk, H. H. Harned.

**Athletics:** Professors Sessums, R. W. Harned, Chadwick, Moody, Beal.

**Debates:** Professors Mellen, Butts, Garner, Savage.

**Social:** Professors Beal, Garner, King, Sessums.

**Military:** Professors Walker, Elting, Sessums.

**General Efficiency:** Professors Hand, Walker, Herbert, Bowen, R. W. Harned, Patterson, Weddell, Mellen, Moody, Beal, Gaines, Ricks, Wilson, M. H. Moore. *

# GENERAL INFORMATION

## IMPORTANT ANNOUNCEMENT.

**Beginning with this session of 1921-1922, the College will have two semesters, instead of three terms, as in the past. This necessitates a complete rearrangement of the work of the institution, and prospective students, as well as those already in attendance, should pay particular attention to the details of all announcements in this catalog.**

## LOCATION OF THE COLLEGE.

The Mississippi Agricultural and Mechanical College is in the northeastern part of Mississippi, thirty miles from the Alabama line and one hundred and thirty miles from the Tennessee border. It is a mile from the town of Starkville.

The branch line of the Mobile and Ohio Railroad, from Artesia to Starkville, passes through the College campus. The branch of the Illinois Central, from Durant to Aberdeen, is only one mile away.

Public service offices are these:

Postoffice.—Agricultural College, Miss. (Not Starkville.)

Freight Office.—A. and M. College, Miss.

Express Office.—Agricultural College, Miss.

Telegraph Office.—Western Union, Agricultural College, Miss.; Postal, Starkville, Miss.

Ticket Offices.—M. and O., Agricultural College, Miss.; I. C., Starkville, Miss.

## INFORMATION FOR THE NEW STUDENT.

If the new student should arrive at night, he should report immediately to the office of the Commandant, Room 100 Lee Administration Building, and receive temporary room assignment.

New students whose entrance credits have not been approved by the Entrance Committee, should report to the Chairman of that Committee, Room 214, Lee Hall, and present their credits or take the required entrance examinations before undertaking to complete their matriculation.

When this has been done, the student should (1) report immediately to the office of the college registrar in the Administration Building, Room 105, to fill in the registration blanks, (2) then carry them to the secretary's office, make the required deposit, and receive his matriculation card, (3) then go to the office of the commandant, pre-

sent his matriculation card and receive his room assignment, (4) then go to the secretary of the committee on examinations, present his matriculation card and receive his classification card, (5) when he has satisfied the requirements for entrance and has received his classification card, he should present it to the dean of the school in which he has chosen his course. The dean will then register him, and assign him to his class or section.

The offices of the president, vice-president, secretary, registrar, and commandant are all on on the first floor of the Adminstration Building; the office of the secretary of the Committee on Examinations is room 214, second floor.

## GROUNDS AND BUILDINGS.

### Grounds.

**The Grounds** of the College include 2,270 acres in Oktibbeha County, owned by the State, and several thousand acres in several parts of Mississippi, owned by the State, for experiment stations.

**Water Supply and Sanitation.**—Two deep wells protected against contamination supply the water for the College, which is piped throughout the grounds. A sewage system serves all the residences, dormitories, and public buildings.

## BUILDINGS.

The buildings of the College include about fifty residences for the college staff, two large dormitories for the students, academic buildings, barns and other structures for housing the equipment. The appraised valuation of the grounds, plant, and equipment is over $5,000,000. The last Legislature authorized the expenditure of about $800,000 for new buildings and equipment.

## GENERAL SERVICE BUILDINGS.

**Power Plant.**—The power plant which is situated near the center of the campus distributes the water supply, the heat, the light, and the electric power required in the various buildings. A steam laundry, an ice plant, and a cold storage plant are on the campus.

**The J. Z. George Infirmary** contains the office of the college surgeon, rooms for the nurses, two general wards, and a number of private rooms for serious cases.

**The Y. M. C. A. Building** affords means for religious activities and for social recreation.

## ADMINISTRATION BUILDING.

**The Stephen D. Lee Adminstration Building** stands in the center of the campus. Immediately in front is the parade ground. On the

first floor are the offices of the president, vice-president, the secretary, the registrar, the commandant, and the "chapel." On the other floors are departmental offices and class rooms.

## ACADEMIC BUILDINGS.

**W. B. Montgomery Hall.**—This building includes the offices and class rooms of the Department of Agriculture, the Departments of Botany and Zoology, the offices of the Agricultural Extension and Demonstration forces, the Experiment Station, and the College library of 40,000 volumes.

**Engineering Building.**—This includes the wood shop, the forge shop, the Engineering laboratory, the rooms of the departments of Physics, Electrical Engineering, and Mechanical Engineering.

**Lee Administration Building; Chemistry Building; Agricultural Engineering Building; Dairy Buildings; Bacteriological and Entomological Building.**

## DORMITORIES.

The two dormitories have rooms for approximately twelve hundred students. These large buildings have toilets and baths on the several floors, and shower baths in the basements. In the rooms of the recent annexes, lavatories supply hot water and cold.

## HISTORY.

**1862-1878.—Establishment.**—By the Morrell Land Grant Act, approved June 2, 1862, the National Government donated conditionally to each state in the Union public land scrip equal to 30,000 acres for each senator and representative in Congress. This trust was for the "endowment, support and maintenance of at least one college, where the leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts in such manner as the legislatures of the states may prescribe, in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life."

By an act, approved February 28, 1878, the legislature of Mississippi accepted the conditions of this land scrip endowment, and decreed the establishment of two colleges; one for the negro race, to be known as the Alcorn Agricultural and Mechanical College; the other for the white race, to be known as the Mississippi Agricultural and Mechanical College.

The establishment of two schools necessitated the division of the funds arising from the land scrip—$113,575 being deposited in the State Treasury to the credit of each school. Of the amount belonging to the Agricultural and Mechanical College, $15,000, represented by state bonds, was by subsequent act of the legislature used in the purchase of college lands; so that the amount now in the State Treasury to the credit of the College is $98,575, yielding an annual income of $5,914.50.

**1878-1800—Organization.**—On December 13, 1878, the Board of Trustees, established by the State act of February 28, selected the site of the College, 860 acres a mile and a half east of Starkville. Almost immediately building was begun; the first structure being an academic building, a dormitory with rooms for 350 students, a chemical laboratory, the president's residence and barns. On April 1, 1880, Stephen Dill Lee, Lieutenant-General of the Confederate army, was elected president of the College.

The initial organization provided for both cultural and practical studies; and each student was required to do manual labor. Eight academic departments, preparatory and collegiate, were established: (1) English; (2) Horticulture, Biology, and Animal and Vegetable Physiology, (3) Chemistry, (4) Agriculture, (5) Preparatory, (6) Writing, (7) Farm, (8) Stewards'. On October 6, 1880, the College opened its doors to students; 350 matriculated during the first year. All pursued the same course of study.

**1883-1886.—Farmers' Institutes.**—To make known to the people of Mississippi and of other Southern states the practical nature of the

A. and M. College, President Lee, assisted by a few instructors and students, made during the early years of the College several talks on live stock, orchards, and similar subjects, in various parts of the state. In 1886 the Board of Trustees ordered that each year at least six practical talks—called institutes—be made by A. and M. College instructors to the farmers of Mississippi. This extension work, antedating by five years the Federal Extension projects, grew rapidly, later becoming an element of the Extension Department of the College.

1887-1888.—**The Experiment Station** of the Mississippi A. and M. College is founded on acts of the Federal and State governments. The Hatch Act, approved March 2, 1887, appropriates money for the acquisition and diffusion "among the people of the United States" of "useful and practical information on subjects connected with agriculture." The conditions of this act were accepted by the legislature of Mississippi in 1888.

1890.—**Further Federal Support** was granted the College by the Act of Congress of 1890. Under this act each state received $15,000 the first year, and an increase of $1,000 a year for ten years. Since 1900 the sum of $25,000 has been paid the College annually.

1892.—**Differentiation of Courses** took place for the first time in the session of 1892-1893, when the Agricultural and the Mechanical courses were established. These courses have grown into the Agricultural and Engineering schools.

1899.—President Lee resigned the presidency in 1899, and ex-Governor John M. Stone was elected to fill the office.

1900.—In April, President Stone died, and immediately Prof. J. C. Hardy was elected president.

1901-1904.—**Branch Experiment Stations** were established in 1901 and 1904 to assist the Federal Station at the College in discovering and diffusing agricultural information. These stations were at McNeil in South Mississippi, Holly Springs in North Mississippi, and Stoneville in the Yazoo-Mississippi Delta. The McNeil Station was moved to Poplarville in 1918. The Raymond station was established in 1920.

1904.—**The School of Industrial Education** had its origin in the Department of Industrial Pedagogy. This department, offering courses first in September 1904, later developed into the fourth school.

1905.—**The First Summer Session** was held in June, 1905, under the direction of the Professor of Industrial Pedagogy. Between 1905 and 1920 summer sessions were held irregularly.

1906.—**The Adams Fund** was made available by an act of Congress, approved March 16, 1906. The act provides for the Mississippi

Experiment Station an appropriation of $5,000 for the year ending June 30, 1906, and a gaduated increase of $2,000 a year, for five years. The annual appropriation—now $15,000—is devoted to the necessary expenses of original research and experimental work in agriculture.

1908.—**The Nelson Fund** was made available by an act of Congress, approved March 4, 1907. This act provides for an appropriation of $5,000 for the year ending June 30, 1908, and a yearly increase of $5,000 for four years. The uses of the annual appropriation—now $25,000—are identical with those of the Morrill Fund.

1911.—**The School of General Science**—now the School of Science—was organized in 1911.

1912.—President Hardy resigned, and the Hon. George R. Hightower was elected to the presidency.

1913.—**The Y. M. C. A. Building** was completed.

1914.—**By the Smith-Lever Act**, approved March 8, 1914, the College, through the cooperation of the State and the United States Department of Agriculture, engages in that extension work which consists "of the giving of instruction and practical demonstrations in agriculture and home economics to persons not attendant or resident in" the College. The Act devotes annually $10,000 to this home-extension work, and continually a gradually increasing sum, to be duplicated by the State or communities. In 1922 through the cooperation of State and Federal Governments a maximum of $252,800 will be available.

1915.—**The School of Business and Industry**, organized in the spring of 1915 as a Division of the School of Industrial Education, first offered courses of instruction.

**The Service Bureau** was organized.

1916.—President Hightower resigned in the summer of 1916, and Prof. W. H. Smith, then State Superintendent of Education, was elected to the presidency.

1917.—**The Division of Correspondence Study** was organized.

**Training of Vocational Teachers.**—The College was designated as the training school for teachers of Agriculture and of Industry under the Smith-Hughes Act of 1917.

1918.—Beginning in the spring, special war emergency courses were offered in various departments, and during the spring and summer over 1,000 men were trained in various vocations for army service. From October 1st to December 31st, the College, its teaching force and equipment were taken over by the United States War

Department, and special courses were given under its direction to the unit of the Student Army Training Corps which was organized here.

1918.—**Vocational Training for Disabled Soldiers.**—In December, 1918, the Federal Board for Vocational Education contracted with the College to train disabled soldiers. This work is still being done by the College.

1920.—President Smith resigned, and Professor D. C. Hull, of Meridian, an alumnus of the College, was elected president.

**The Semester Plan** was adopted, to take effect September 1, 1921, as announced in detail in this catalog.

**The Raymond Branch Experiment Station** was established.

**Status of the College.**—Both State and Federal is the nature of the Mississippi Agricultural and Mechanical College. It is founded on agreement between the National Government and the State of Mississippi. The support comes from both governments; and the Extension work and the Experiment work are conducted through the cooperation of the two governments. With the increasing needs of the industrial classes the course of study has developed. To-day the College is a great polytechnic institution, offering a large number of courses, both cultural and practical.

## PURPOSE AND POLICY.

**Underlying Conception.**—A far-reaching piece of Federal legislation was enacted when, on July 2, 1862, Abraham Lincoln affixed his signature to the Land Grant Act whereby it was provided that each state of the Union might have Federal aid in the establishment of "at least one college whose leading object shall be,—without excluding other scientific and classical studies,—to teach such branches of learning as are related to agriculture and the mechanic arts, in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life." Here we have the whole scheme of universal higher education, the education of all classes of citizens for all classes of work.

Building upon this broad foundation, the Agricultural and Mechanical Colleges have arrived at the conception, both in their theory and in their practice, that industrial education is not a special scheme of training to be considered as separate and apart from the general scheme whereby higher learning is fostered, but that it is rather a reshaping of the general scheme whereby the commonwealth seeks to develop all classes of its citizens in intellectual vigor, in industrial skill, and in liberal culture,—to the end that the industries of the people may proper, that their literature and their arts may be encouraged, and that the individual while being taught how to

work may be fitted for life. This theory of industrial education breaks forever with the tradition of a cultured class adapted to a life of leisure and of a class of artisans trained to do the work of the world. It wipes out that distinction and writes in its stead the conception that every man is a worker, bearing his own share of the common burden, trained for his work, skilled in the knowledge of his own profession and informed beyond it; so that he may be bigger than the means by which he earns his bread, a citizen in whose care the interests of the republic will be safe. Thus, the industrial learner becomes something more than a farmer, or a teacher, or a lawyer, or an engineer—else he would be less than a man.

The organization and work of the Mississippi Agricultural and Mechanical College falls into three main divisions, as follows:

Academic Division.—This includes resident instruction in regular collegiate classes, graduate courses, short courses, summer schools, and other forms of teaching and practical work, provided in classroom and laboratory, on the campus and on the College farm.

Instruction at the College is designed, without neglecting English, history, and the ideals and institutions of government, (1) to develop the minds and interests of the students in knowledge of the sciences that underlie agriculture and the mechanic arts, (2) to impart accurate and expert knowledge of the subject matter involved in these activities and in so far as possible to provide practical experience in them, (3) to offer professional and technical training for the successful teaching of these branches in the secondary and elementary schools, (4) to produce leaders trained for handling the business problems inseparably connected with successful agriculture and industrial work.

Such a program of instruction means the application of the general sciences, such as chemistry, geology, physics, biology, economics, and sociology to the development of farming, engineering, manufactures, transportation, commerce, and the teaching of agriculture and industry in common and high schools. It provides also a trained leadership along all these lines. It thus opens the way for the ablest and most competent of our young men into industrial pursuits, instead of forcing them into the so-called learned professions which were exclusively fostered under the older systems of higher learning.

That there is an insistent and growing demand for such leaders is abundantly proved by the fact that the College cannot produce these leaders fast enough to fill the places from which calls come in constantly increasing numbers. Though every department is taxed to its full capacity, yet a place is waiting for every competent student as he approaches his graduation, and many of these places go unfilled because the number of trained men is insufficient to fill them. The graduates of the College, a steadily increasing stream, are finding excellent positions year after year, as civil, electrical, and mechanical engineers, as industrial and agricultural chemists, as teachers of chemistry and other branches of natural science, as teachers of agri-

culture in consolidated and high schools and in colleges, as practical dairymen and poultry husbandmen, as agricultural extension workers, efficient business men, editors of farm journals, and as practical farmers who own and develop the soil resources of the state.

It is the purpose of the College in its entire program of instruction that the work shall be thorough and of high grade. The entrance requirements have steadily and rapidly increased during recent years, and are now equal to the requirements of the best colleges and technical schools throughout the country. Yet, the demands for the instruction offered here are so great that in spite of the rise in entrance requirements the enrollment at present, recruited from the large number of agricultural high schools in the various counties and from other high schools of the standard type, is the largest in the history of the College.

In addition to resident instruction, the College is now offering such **Correspondence Courses** as its limited teaching staff and revenues make possible. These are available to farmers, to industrial workers, and to other citizens of the state. It is hoped that this branch of instruction may be largely increased in the near future.

**Research Division.**—The State Experiment Station is a most important division of the work which the College fosters and for which it is responsible. Its field of usefulness lies in the accumulation of agricultural knowledge through systematic experimentation and investigation. Its achievements constitute the only safe foundation for agricultural progress. All that has been accomplished for the improvement of agriculture along every line has been made possible by the patience, persistence, and untiring labor of the men who for fifty years and more have been engaged in the experiment stations of the country. All future progress depends upon the knowledge which these workers are gradually accumulating. Without the result of their labors, the college teacher of agriculture would be helpless, the agricultural extension worker would be without a mission, and the farmers of the country would be left to grope in darkness.

The experiment station of the Mississippi Agricultural and Mechanical College has a large staff of experts working out valuable tests and experiments in all important phases of our agricultural activity. The results of these experiments are published in the form of bulletins, which are furnished free of cost to the students in the classroom and to any citizen of the state. In addition to the central station located at the College, there are branch stations located at Poplarville, Holly Springs, Stoneville, and Raymond, each engaged in the study of the soil and crop problems peculiar to the section in which it is located.

**Extension Division.**—The cooperative agricultural extension work, though the newest, is one of the most important branches of the College activities. Its function is to take to the farmer on his farm

the results of the research of experimental workers in soil fertility, crop production, live stock growing, farm managment, marketing, etc., to make demonstrations of these results, and otherwise to instruct and assist the farmers in the methods and practice of progressive agriculture. Through its department of home economics, it carries a message of hope and cheer to the farm home, adds to the convenience of the home, seeks to make it more economical and more beautiful, to reduce its drudgery, and to increase its happiness. It is the aim of this division to make the facts of progressive agriculture and modern home management available to every farm and to every home even to the remotest areas of the state.

## DISCIPLINE.

The President, by college regulation, is responsible for the government and management of the college and supervises and controls all the departments, collegiate and otherwise. Discipline is enforced primarily through the military organization.

The Commandant has immediate command of the corps of cadets and is responsible for the military organization. On his recommendations the President appoints officers and non-commissioned officers of the regiment. All permits for privileges and all excuses and explanations for delinquencies must be submitted through him. It is his duty to report to the President for his action, all violations of the college regulations. He assists the President and faculty in enforcing discipline.

To enforce discipline and preserve orderly conduct, reports are made by the cadet officers and non-commissioned officers and demerits and punishments are given by the President, and the Commandant and the Registrar under the President's direction, for those reports which are not removed on explanation submitted to the Commandant. Students have the right of appeal in writing, through the Commandant, to the President, when they think injustice has been done them.

## LEAVE OF ABSENCE.

The authorities of the College discourage the granting of leaves of absence to students except in cases of necessity. The printed regulations of the Military Department provide that "Leaves of absence for more than twenty-four hours will be granted only on a written or personal approval of the parent or guardian, except in case of a cadet of age. In no case will leave be granted when, in the opinion of the President of the College, such leave would militate against the interest of the College or cadets."

Permits for students to go home for the Christmas holidays on any date earlier than that published in the college calendar, and extension of permit for those who remain away longer than the published

date for the close of the holidays, will not be granted, except in cases of serious sickness, death, or other emergency.

So strongly does the College feel that the first duty of the student is to be in attendance upon his classes, that the faculty has provided in its regulations that students must be present at least eighty per cent of the time in any course in order to qualify for final examination in the subject. A leave of absence is, therefore, merely a justification for the absence, and not a relief from the work that has been missed.

## GRADING AND EXAMINATIONS.

1. Students will not be allowed to take less than 15 credit hours nor more than 25 in any semester. No student whose grade for the preceding semester in any subject is less than 70 will be allowed to carry more than 21 credit hours.

2. Numerical grades are given for daily recitations and for examinations. Grades from 90 to 100 indicate excellent work; 80 to 90, good work; 70 to 80, fair work; from 60 to 70, poor work; from 50 to 60, conditioned; below 50, failure.

3. The entrance examination grade for admission to the freshman class shall not be less than 60.

4. Any student whose daily grade, or final examination, or final standing in a course is less than 50 shall be marked "failure" in the course and must repeat the course.

5. A student who is qualified for examination in a course and has made an examination grade below 60 but not below 50 in it, or whose final standing is less than 60 but not less than 50, shall be conditioned in the course. Such condition must be removed by a second examination at the end of the semester immediately following, on such a day as may be designated by the Committee on Examinations. In case the student does not re-enter college during the next semester, he shall be required to remove the condition at the end of the first semester after he does re-enter. In case the student fails to remove the condition as indicated above, he shall be required to take the subject over in class or under an instructor approved by the President of the College and the head of the department in which the subject lies.

6. A student conditioned in a subject, as designated in Section 5, may, if the head of the department approve, be allowed to register for the succeeding course to which the conditioned subject is a prerequisite.

7. A student who has qualified for regular examination in a course and has failed to take it at the regular time, shall be conditioned in that subject. Such condition must be removed according to the provisions of Section 5.

8. In all examinations for advanced standing the student shall be required to make a grade of not less than 70. (By advanced standing is meant the credit a student receives in a course that he has not taken in class at this college.)

9. All examinations for advanced standing shall be held only at the beginning of the fall semester, on such days as are designated by the Committee on Examinations.

10. Any student who desires a special examination either to pass off a condition or to obtain advanced standing must secure a permit card provided at the Registrar's office. This permit must be approved by the Registrar and by the head of the department in which the subject lies.

11. In case a student be absent from one or more recitations (but not more than one-fifth of the total) in a course during the semester, he may, if the instructor sees fit, be required to make up the work he missed.

12. In order for a student to be eligible for final examinations in a course, he must be present at least four-fifths of the recitations during the semester.

13. Final examinations shall be held in all subjects in which examinations are an adequate test and only on such days as are designated by the Committee on Examinations.

14. In a subject in which an examination would not be an adequate test, and in which the making up the work would be impracticable, the passing or not passing of the student shall be left to the discretion of the instructor and the head of the department.

15. Any student who fails in any semester to complete with a passing grade as much as two-thirds (the minimum being twelve hours) of the work on his schedule of recitations shall be required to withdraw from college. He may re-enter and resume duties at the beginning of the second semester following the failure. At the middle of each semester each instructor shall furnish the registrar a list of such students as are doing unsatisfactory work. The registrar shall notify the student and his parent or guardian of this report.

16. On all reports for a student's final standing in a course there shall be recorded the total number of absences during the semester and the numerical grade. No final examination grades shall be turned in —merely the numerical grade indicating final standing.

17. Under the head of "Remarks" in each report, where a student has failed to receive a grade in a course, the instructor shall indicate the reason why no grade was given.

## YOUNG MEN'S CHRISTIAN ASSOCIATION.

The Association has for its symbol the triangle, representing body, mind, and spirit, or the all-round man. The particular mission of the Association here is to take care of the religious and social phases of college life. A splendid building is at the disposal of the students.

The prayer meeting on Wednesday night is conducted by the students themselves. The weekly service is held Sunday evening, at which time addresses are heard from representative men of all vocations. Bible study courses are offered, dealing with the practical problems confronting the college student in dormitory life. Mission study courses are also given.

A General Secretary devotes the whole of his time to the work of the Association. Parents and friends should feel free to write him at any time regarding the welfare of any student.

## LITERARY SOCIETIES.

Two literary societies, the Dialectic and the Philotechnic, are a valuable supplement to the academic courses.

**Demosthenean Debating Club.**—The Demosthenean Debating Club is an upper classman's literary society. It is composed of a possible twenty-two members—juniors and seniors—who have been proficient in the Dialectic and Philotechnic societies.

**Debating Council.**—Four members of the Demosthenean Club, including the president and secretary, and the Professor of Public Discourse, as chairman ex-officio, compose the College Debating Council. The council considers questions for debate, draws up rules, and selects the intercollegiate debaters. Official record of each debate is kept in room 300, Administration Building.

**Intercollegiate Debating and Oratorical Contests.**—Intercollegiate debates are now held with the Alabama Polytechnic Institute, the University of Arkansas, the University of Mississippi, the Mississippi Normal College, Mississippi College, Millsaps College, and Clarke Memorial College. Interest in debate is growing.

**The College Reflector** is a weekly newspaper, devoted to matters of interest primarily to the students and other residents of the campus and to their friends, and affording practice to the students interested in journalism. Liberal space is given to official announcements by college departments, to public lecturers, and to unbiased articles on current questions.

The Reflector is the laboratory for the students studying journalism. Under supervision by the Editor-in-Chief and the Professor of Public Discourse those students who wish to disseminate industrial

information or to influence public life in one way or another practice as reporters, editors and managers. If the work is satisfactory, they receive academic credit.

## MEDALS AND PRIZES.

**Declamation.**—Each of the literary societies—the Dialectic and the Philotechnic—gives annually a gold medal to the freshman member who declaims best.

**Sophomore Debate.**—Each society also gives a gold medal to the sophomore member who prepares and delivers the best argument.

**Alumni Debate.**—The Alumni Association each year gives a gold medal to the member of the junior class who delivers most effectively the best composed argument.

**Albert Critz Memorial in Vocational Speaking.**—In memory of his brother, Albert Critz, of the class of 1913, President Hugh Critz, of the Agricultural College, Russellville, Arkansas, each year gives a gold medal to the member of the senior class who delivers most effectively the best original speech on a vocational subject.

**Intercollegiate Oratorical Contest.**—This contest, the oratorical classic of Mississippi, is controlled by five colleges; the A. and M., the Normal, the University, Millsaps, and Mississippi College.

## ATHLETICS.

Representative teams are maintained in foot ball, base ball, basket ball, and track. Intercollegiate contests in the above sports are held every year with the leading Southern Colleges and Universities under the regulations of the Southern Intercollegiate Athletic Association, of which Mississippi A. and M. is a member. To engage in intercollegiate athletics a student must pursue one of the regular college courses and maintain a satisfactory standing in his class work. Failure to pass in his class work in any term will debar him from engaging in intercollegiate athletics the following term.

# ADMISSION AND GRADUATION

## COST OF ATTENDANCE.

The expense of attending Mississippi Agricultural and Mechanical College includes fees, expenses of cooperative activities and incidental expenses. The total cost for the session 1921-1922 will, of course, vary somewhat with the different courses of study the student may pursue. The average cost should not exceed $320.00 for residents of the State of Mississippi and $400.00 for non-residents. All prospective students should come to the College prepared to make a cash deposit with the Secretary of $95.50, in addition to which non-residents will be required to deposit $40.00 to cover tuition for the first semester. A schedule of fees will be found in this chapter.

Since it is necessary for the College to assume obligations at the beginning of each session extending through the entire year, it is evident that it is not possible to refund these fees or any part of them when the student, after having satisfied entrance requirements and begun class work, finds it impossible to remain in attendance for a full academic year.

**Campus Fee.**—This charge of $1.00 is to help pay the expense of maintaining the campus in a neat and sanitary condition.

**Y. M. C. A. Fee.**—The College Y. M. C. A. is housed in an excellent building erected at a cost of $65.000.00. It is equipped with reading rooms, game rooms, offices for student committees and organizations, and commodious parlors. Payment of the fee of $2.00 entitles the student to all the privileges of the building. Any student who objects for reasons of conscience or principle to the payment of this fee will be excused from paying it.

**Laboratory Material Fee.**—This fee of $2.00 is to pay for consumable materials necessary in giving practical instruction in the course of courses which the student may elect to take.

**Library Fee.**—The general library with its extensive collection is open to all college students and the fee of $5.00 is used to defray in part the cost of its maintenance and administration.

**Hospital Fee.**—The payment of $8.50 required of students in the dormitories entitles them to medical attention by the resident physician and to the facilities of the college hospital, including medicines and the services of a trained nurse when necessary.

**Furniture Rent.**—The rooms in the dormitories are furnished by the college. This fee of $5.00 per session is charged to care only for ordinary wear and tear. Students are required to pay for unnecessary damage or breakage.

**Tuition.**—Residents of the State of Mississippi are admitted five years free of tuition. Non-residents of the state are required to pay $40.00 at the beginning of each semester, in addition to the fees charged to all undergraduate students at the time of entrance.

**Graduate Students.**—Graduates students pay only $15.00 for the full session.

**Contingent Deposit.**—This deposit which is $32.00 for residents of the dormitories and $5.00 for day students is required as a guarantee against charges for board, breakage, etc. Any portion not consumed by such charges will be refunded to students upon their withdrawal.

**Uniform Deposit.**—All students are required, by a resolution of the Board of Trustees, to wear the prescribed uniform within five miles of the college. This uniform is at present the olive drab United States Army regulation uniform. Students not rooming in the dormitories must also comply with this resolution. Students who are accepted in the Reserve Officers' Training Corps under the regulations of the War Department, will have issued to them by the Federal Government through the college, a complete regulation uniform for which they are held responsible. The uniform deposit will be returned to students when withdrawing upon the certificate of the ordnance office that all articles of uniform of Government issue have been returned to him. Under College regulations each member of the Reserve Officers' Training Corps is required to provide himself with extra olive drab shirt and one pair of olive drab breeches, which must pass inspection by the ommandant and which are in addition to the uniform loaned him for his use by the College.

Students who are not members of the Reserve Officers' Training Corps must provide full uniforms at their own expense.

**Athletic Admissions.**—The payment of $5.00 entitles the student to admission to all athletic events held on the campus during the entire session. The Board of Trustees adopted this plan in 1915 in response to repeated petitions from the student body. The average athletic program includes four to six foot ball games, three cross country races, eight to ten basket ball games, six to eight base ball games and all track and field meets. Admission to the athletic events for those other than students varies from fifty cents to one dollar per game.

**Heat, Light, Water and Laundry.**—Heat, lights and water for all college buildings, including dormitories, is furnished from a central power plant. Laundry service is furnished by a modern, well-equipped steam laundry, which furnishes its facilities to the students and residents of the campus exclusively. It is estimated that a charge of

$5.00 per month to students and commercial piece rates to campus residents will be sufficient to meet the cost of operating the Power Plant and Laundry Departments. The cost of these facilities must be paid for each month.

**Monthly Settlements.**—Board will be collected monthly. The first four business days of each month are allowed for settlement by students, of their accounts in the Secretary's office, notice of which is read in the Mess Hall the first of each month.

Students must see for themselves that all necessary payments are made to the Secretary for board, heat, light, water and laundry, and should not depend on the college authorities to notify parents or guardians of delinquent accounts. Students who allow their accounts to continue in arrears for more than one month will be subjected to forced withdrawal from the college. A disposition to impose on the student body, which pays all cost of the Steward's department, cannot be tolerated. It is obvious that a student cannot receive an honorable discharge until his account is paid.

Students who are paid for their services, regardless of the nature of such services, must personally see that vouchers for their time are properly approved and delivered to the bookkeeper not later than noon of the last business day of each month in order to receive credit on their accounts for that month.

By order of the Board of Trustees, students are not permitted to draw money deposited with the Secretary direct by parents or guardians or on checks made payable to the college and tendered by students. Such funds must be used in payment of necessary college expenses and any balance remaining, on withdrawal of the student, will be remitted direct to party making the remittance. Therefore, parents and guardians should supply spending money direct to their sons or wards, instead of depositing it with the Secretary.

**Incidental Expenses.**—It is estimated that $10.00 per month will cover the cost of necessary books, stationery, toilet articles, etc. Students living in the dormitories must provide themselves with linen and covering for single bed, a pillow, towels and a laundry bag. Electric light fixtures and bulb can be obtained from the electrical department, the cost of which will be refunded to the student upon their return to the department in good condition.

**Opportunity for Employment.**—Since the founding of the college special effort has been made to give worthy young men opportunity to earn part of their college expenses. A number of students each year perform labor for the college during their spare time by acting as waiters in the dining hall, sweeping dormitories, academic buildings and walks, firing boilers at the power plant, milking at the dairy, and numerous other services. These positions are usually assigned to stu-

dents who have been in college at least one semester. They receive pay for their services in the form of credits to their accounts in the Secretary's office at the end of each month. The time available will hardly permit any single student to earn all his expenses through labor while engaged in college work.

Young men who find it necessary to work during the entire day, may do a limited amount of academic work by meeting classes at night, provided the number who apply for night classes is sufficient to justify the employment of special instructor for such classes. It is only the exceptional man who can make good progress in his studies after a day of hard labor; however, a number of graduates of this institution have, in this way, made their college training possible.

Correspondence regarding employment should be addressed to The Registrar, Agricultural College, Miss.

**Entrance Payments.**—The following tabulation of expenses shows the total payments required of all undergraduate students at the time of entering college:

| | Dormitory Students. | Day Students. |
|---|---|---|
| Campus Fee | $ 1.00 | $ 1.00 |
| Y. M. C. A. Fee | 2.00 | 2.00 |
| Laboratory Material Fee | 2.00 | 2.00 |
| Library Fee | 5.00 | 5.00 |
| Hospital Fee | 8.50 | |
| Athletic Admissions | 5.00 | 5.00 |
| Furniture Rent | 5.00 | |
| Class Room Heat | | 5.00 |
| Contingent Deposit | 32.00 | 5.00 |
| | $60.50 | $25.00 |
| Uniform Deposit required of all members of Reserve Officers Training Corps | 35.00 | 35.00 |
| | $95.50 | $60.00 |
| Tuition payable by non-residents | 40.00 | 40.00 |

which amount is due at the beginning of each semester.

**Board.**—Meals are served in the dining hall at actual cost of provisions, labor and supplies. This cost is calculated each month and prorated among the entire body of students taking their meals in the dining hall. It will of course be realized that small changes in the cost of board from month to month will be the order. Purchases are made for the Steward's Department at lowest wholesale prices consistent with quality.

Students who are absent from campus on permit for six or more consecutive days, not including the day of departure or the day of

**Erratum**—Under Entrance Payments, add Lyceum Fee $1.25.

return, may receive credit on board for such absence, except during the Christmas holidays, provided they comply with paragraph 76 of the Military Regulations.

The credit that may be allowed on board for absence during the Christmas holidays is limited to the number of days on which duties are actually suspended. The expense of operating the dining hall at this season cannot be materially reduced, except for the duration of the authorized holiday period; therefore, students who leave the campus in advance of the Christmas holidays, or those who return after class work has been resumed, cannot be allowed credit for the additional time absent.

## PAY AND ALLOWANCES, R. O. T. C.

Students who are citizens of the United States and physically fit, become automatically members of the basic course and are entitled to uniform as set forth under paragraph on "Uniform Deposit."

Each member of the basic course may, if he so elects, attend the basic camp held each year for students completing the second year basic course (sophomore year). Those attending this camp receive railroad fare from the institution to camp and return and while at camp receive board, lodging and uniform.

Upon successfully completing the basic course, students may elect to enter the advanced course by signing a contract to devote five hours a week during the remainder of their course to the military training prescribed and to pursue such camp training as the Secretary of War may prescribe. Students enrolled in the advanced course receive the usual issue of clothing each year and commutation of rations at the rate of forty cents a day from date of entrance to date of graduation, except for the periods of camp training when they receive rations in kind.

All members of advanced training units are required to attend camp at the end of the first year advanced course (junior year) and receive railroad fare from the institution to camp and return and are furnished board and lodging during the time at camp, also clothing as outlined in first paragraph.

The cash value of membership in the Reserve Officers Training Corps is estimated as follows:

| | |
|---|---|
| Use of uniforms, four years | $110.00 |
| Two issues of clothing at camps | 30.00 |
| Commutation of rations which members of advanced training units receive in cash | 230.00 |
| Total | $370.00 |

## REQUIREMENTS FOR ADMISSION.

All applicants, in order to be admitted to any class, must be not less than sixteen years of age.

For the session of 1921-1922 the scholarship requirements for admission to the freshman class are fourteen (14) Carnegie units, **without condition as to number.** An entrance unit is the credit given for a successfully completed course pursued in an accredited high school or preparatory school for an entire academic year, with five recitations a week of not less than forty minutes each. Two laboratory or shop periods count the equivalent of one recitation period.

For the session of 1922-1923 fifteen (15) units will be required for admission to the freshman class.

Of the fourteen units required for entrance seven are prescribed for all applicants—three in English, two in mathematics, one in history, and one in science, as follows:

| | |
|---|---|
| Composition, Rhetoric, Literature, Advanced Grammar..... | 3 units. |
| Elementary Algebra ..... | 1 unit. |
| *Plane Geometry ..... | 1 unit. |
| History, Ancient or Early European, Modern or Modern European, or American ..... | 1 unit. |
| Science (any one in Group 5 below)..... | 1 unit. |

† The seven (7) additional units must be selected from the following groups and subjects:

Group 1. English.—Composition, Rhetoric, Literature.

Group 2. Mathematics.—Advanced Algebra, Solid Geometry, Trigonometry, Advanced Arithmetic.

Group 3. History.—Ancient or Early European, Modern or Modern European, American; Civics, Elementary Economics.

Group 4. Foreign Languages.—French, German, Spanish, Greek, Latin.

Group 5. Sciences.—Agriculture, Botany, Chemistry, Physics, Physiology, Physical Geography, Zoology, General Science, Biology.

Group 6. Business Subjects.—Bookkeeping, Business Arithmetic, Commercial Law, Stenography and Typewriting.

Group 7. Manual Subjects.—Manual Training, Freehand Drawing, Mechanical Drawing.

**Admission by Certificate.**—Applicants who come from high schools or preparatory schools that have been approved by the State Accrediting Commission are admitted without examination on presentation of certificate, signed by the superintendent or the principal of the school,

* Applicants may be conditioned in Plane Geometry.
† See "Description of Subjects" for maximum number of units accepted in each subject.

showing the completion of fourteen (14) Carnegie units. This certificate must give the subjects completed, the length of time in weeks the subjects have been pursued, the number of recitation periods a week, and the school year. School principals are requested to use the regular form of certificate, prepared by the College, which will be furnished on application to the Registrar. The principals are urged to exercise care in describing the work that the applicants have done, in filling out the blank spaces for name, postoffice, and date, and in signing the certificate in script.

**This certificate is absolutely necessary; a school diploma is not acceptable in place of it.**

**All certificates for admission must be sent by the principals of the schools directly to the Registrar of the College.** Applicants should have their certificates mailed as soon as possible after the close of the high school session. The committee on admission will at once examine each certificate and notify the applicant of its acceptance or rejection. Applicants whose certificates have been accepted for entrance should, upon arrival at the College, report to the committee and receive cards admitting them to the proper class.

**Admission by Examination.**—Applicants who have not the necessary entrance units are required to take the examinations in the subjects prescribed for entrance and in a sufficient number of elective subjects to make the total of 14 units. The nature and scope of the work on which the examinations are held may be ascertained from the section on "Description of Subjects" later in this catalog. These examinations will be held at the College, September 20, 1921.

All applicants who expect to take examinations for entrance are advised to review thoroughly their work in preparation for them.

**Admission from Other Colleges.**—Students who have attended other colleges of approved standing may be admitted by transfer of credits. A statement from such other college specifying in detail the units submitted for admission there will suffice. In order to receive advanced standing the student must present a certified record of work done in the institution from which he comes, accompanied by a certificate of honorable discharge. This record will be passed to the heads of the departments concerned, who will determine the credits to be allowed.

**Admission of Special Students.**—Applicants who are not less than twenty years of age may be admitted as special students without the usual examinations or entrance units. They must satisfy the heads of the departments in which they desire work that they are prepared to pursue the courses sought. Such students cannot become candidates for a degree until they satisfy the entrance requirements.

**Admission to the Two-Year Course in Agriculture.**—Young men who have not had sufficient high school training to meet the entrance requirements, but who desire to become practical farmers and stockmen may enter the two-year course in Agriculture. They must not be less than eighteen years of age and must have had sufficient preparation to carry the assigned work. THIS COURSE IS NOT A PREPARATORY COURSE FOR ADMISSION TO THE FRESHMAN CLASS.

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## DESCRIPTION OF ENTRANCE SUBJECTS.

### ENGLISH (3 to 4 units).

a. **Advanced Grammar.**—The inflections and uses of the parts of speech; syntax of nouns, pronouns, verbs, and conjuctions; a careful study of sentence-structure; punctuation and capitalization.

b. **Composition and Rhetoric.**—The working principles of rhetoric as treated in standard high-school text-books; abundant exercises; a great deal of practice in planning and writing compositions; special emphasis on paragraph structure and the sentence as regards unity, emphasis, and coherence.

c. **Literature.**—The reading and study of English classics as prescribed in the standard course of study for high schools, and based on the requirements of the joint committee of colleges and secondary schools.

### MATHEMATICS (2 to 4 units.)

| | | |
|---|---|---|
| a. | Elementary Algebra | 1 unit. |
| b. | Advanced Algebra | 1 unit. |
| c. | Plane Geometry | 1 unit. |
| d. | Solid Geometry | ½ unit. |
| e. | Plane Trigonometry | ½ unit. |
| f. | Advanced Arithmetic (must be preceded by algebra and geometry | ½ unit. |

### HISTORY (1 to 4 units.)

| | | |
|---|---|---|
| a. | Ancient or Early European | 1 unit. |
| b. | Modern or Modern European | 1 unit. |
| c. | Advanced American | 1 unit. |
| d. | Advanced American and Civics | 1 unit. |
| e. | Civics | ½ to 1 unit. |
| f. | Elementary Economics | ½ unit. |

The study of any standard text-books, with the usual collateral reading.

### FOREIGN LANGUAGES.

a. **French.**—First year: Elementary grammar, with the more common irregular verbs. Careful training in pronunciation. About 100 pages of easy prose should be read. **1 unit.**

Second year: Advanced grammar, with all the irregular verbs. Elementary composition and conversation. About 300 pages of modern French. **1 unit.**

b. **German.**—First year: Elementary grammar and composition. Pronunciation stressed. About 100 pages of easy German should be read. **1 unit.**

Second year: Oral and written drill on grammar and syntax. About 300 pages of modern German prose and verse. **1 unit.**

c. **Spanish.**—First year: Elementary grammar, with the more common irregular verbs. Careful training in pronunciation. Reading of about 100 pages of simple prose. **1 unit.**

Second year: Review of grammar. Elementary composition and conversation, stressing the use of idioms. Reading of 300 pages of easy prose. **1 unit.**

d. **Greek.**—First year: Forms; elementary syntax, translation of simple Greek into English. **1 unit.**

Second year: Syntax continued; Xenophon's Anabasis, Books I and II; prose composition. **1 unit.**

c. **Latin.**—First year: Grammar; easy translation; elementary syntax. **1 unit.**

Second year: Grammar reviewed; Cæsar, Books I, II, III, IV; elementary prose composition. **1 unit.**

Third year: Syntax; advanced prose composition; five orations of Cicero. **1 unit.**

Fourth year: Five books of Vergil. **1 unit.**

## SCIENCES.

a. **Agriculture.**—Plant Production, including fields crops and horticulture. **1 or 2 units.**

Animal Husbandry and Dairy Industry. **1 unit.**

Farm Management and Farm Engineering. **1 unit.**

Each unit offered for entrance may include farm shop and farm machinery in addition, and must be based on at least five periods, including laboratory periods, of ninety minutes each week for a full session.

b. **Botany.**—The candidate should be familiar with the general morphology and classification of seed plants as given in a standard text, and with types from the chief divisions of the plant kingdom.

One-third to one-half of the total time should be devoted to laboratory work. ½ or 1 unit.

c. **Chemistry.**—A study of the elementary principles of inorganic chemistry. The laboratory work should occupy one-third to one-half of the total assignment. 1 unit.

d. **Physics.**—A study of the general principles of physical science, especially those of mechanics, heat, electricity, and magnetism. A standard text-book, supplemented by individual laboratory work, which should constitute one-third of the assignment. 1 unit.

e. **Physical Geography.**—The study of a standard text-book, without omissions; together with an approved laboratory and field course. ½ or 1 unit.

f. **Physiology.**—The elements of human physiology and hygiene as treated in a standard high school text-book. 1 unit.

g. **Zoology.**—The study of types from the chief divisions of the animal kingdom, with some training in the underlying principles of morphology, physiology, and classification. Any standard text. One-third to one-half of the total assignment should be devoted to laboratory work. ½ to 1 unit.

h. **General Science.** 1 unit.

i. **Biology.**—Including zoology, botany, physiology, and personal hygiene. 1 unit.

## BUSINESS SUBJECTS.

a. **Commercial Law.**—The work covered in any of the ordinary high school texts. ½ unit.

b. **Business Arithmetic.**—A review of the elementary processes. A study of interest, commercial discount, bank discount, profit and loss, insurance, taxes, stocks and bonds. ½ unit.

c. **Bookkeeping.**—A working knowledge of double entry for the simple lines of business. Study of commercial papers. Profit and loss statements and balance sheets. The submission of work done in high school is advised. 1 unit.

d. **Stenography and Typewriting.** 2 units.

e. **Typewriting.** ½ unit.

## MANUAL SUBJECTS.

a. **Manual Training.**—Work in the manual training department of a high school, adequately equipped, under a competent instructor. Thoroughness in all the processes should be required. 1 to 2 units.

b. **Freehand Drawing.** **½ unit.**

c. **Mechanical Drawing.**—The use of instruments, simple geometrical constructions, orthographic projection, and development of surfaces. **½ unit.**

The applicant should submit for examination the work in drawing that he has done.

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## APPROVED HIGH SCHOOLS, 1921.

The following schools have been approved by the State Accrediting Commission, and are recognized as affiliated high schools so long as they maintain their efficiency. The College may, at any time after the publication of this catalog, drop from the list the name of any school which, in the opinion of the Accrediting Commission, is not maintaining the standards on which it obtained affiliation.

State Accrediting Commission.—H. M. Ivy, Jackson, Chairman; Miss Nellie Keirn, State College for Women, Secretary; J. W. Bell, University; F. J. Weddell, Agricultural and Mechanical College; D. M. Nelson, Mississippi College; J. R. Lin, Millsaps College; L. B. Reid, Houston; W. H. Braden, Natchez.

Aberdeen.
Ackerman.
Amory.
Anguilla.
Batesville.
Bay Springs (Jasper County A. H. S.)
Belzoni.
Benton (Yazoo County A. H. S.)
Biloxi.
Biloxi (Camp Ground)
Blue Mountain (Mississippi Heights Academy).
Booneville.
Brookhaven.
Brooklyn (Forrest County A. H. S.)
Brooksville.
Buena Vista (Chickasaw County A. H. S.)
Calhoun City.
Camden (Madison County A. H. S.)
Canton.
Centreville.
Charleston.
Charleston (Tallahatchie County A. H. S.)
Chatawa (St. Mary of the Pines).
Clara (Wayne County A. H. S.)
Clarksdale.
Cleveland.
Cleveland (Bolivar County A. H. S.)
Clinton.
Coffeeville.
Coldwater.
Columbia.
Columbus.
Como.
Corinth.
Crystal Springs.
Courtland (Panola County A. H. S.)
Derma (Calhoun County A. H. S.)
D'Lo.
Drew.
Duck Hill.
Ellisville (Jones County A. H. S.)
Eupora (Webster County A. H. S.)
Forest.
French Camp.
Goodman (Holmes County A. H. S.)
Greenville.
Greenville Military Academy.
Greenwood.
Grenada.
Gulfport.
Gulfport (Gulf Coast Military Academy).
Guntown.
Harperville (Scott County A. H. S.)
Hattiesburg.
Hazlehurst.
Hermanville.
Hernando.
Hollandale.
Holly Springs.
Houston.
Indianola.
Itta Bena.
Jackson.
Johns (Rankin County A. H. S.)
Kilmichael (Montgomery County A. H. S.)
Kosciusko.
Kossuth (Alcorn County A. H. S.)
Laurel.
Leland.
Lexington.
Liberty (Amite County A. H. S.)
Longview (Oktibbeha County A. H. S.)
Louisville.
Lucedale.
Lumberton.
Lyman (Woods Consolidated).
Macon.
Madison.
Magee.
Magnolia.
Mashulaville (Noxubee County A. H. S.)
Mathiston (Bennett Academy).
McComb.
McLain (Progress Consolidated).
Meadville (Franklin County A. H. S.)
Mendenhall (Simpson County A. H. S.)
Meridian.
Mize (Smith County A. H. S.)
Moorhead (Sunflower County A. H. S.)

Morton.
Moss Point.
Natchez.
Natchez (Cathedral H. S.)
Nettleton.
New Albany.
Newton.
Noxapater (Winston County A. H. S.)
Okolona.
Olive Branch (DeSoto County A. H. S.)
Oxford.
Oxford (Lafayette County A. H. S.)
Pascagoula.
Pass Christian.
Perkinston (Harrison-Stone A. H. S.)
Pheba (Clay County A. H. S.)
Philadelphia.
Pontotoc.
Poplarville (Pearl River County A. H. S.)
Port Gibson (Chamberlain-Hunt Academy).
Prentiss.
Purvis (Lamar County A. H. S.)
Quitman (Clarke County A. H. S.)
Raymond (Hinds County A. H. S.)
Richton.
Ripley.
Ruleville.
Sardis.
Scooba (Kemper County A. H. S.)
Senatobia.
Senatobia (Tate County A. H. S.)
Shelby.
Shuqualak.
Slayden (Marshall County A. H. S.)
Starkville.
Summit.
Sumner.
Sumrall.
Tishomingo (Tishomingo County A. H. S.)
Tunica (Tunica County A. H. S.)
Tupelo.
Tupelo Military Institute.
Tylertown.
Union Church (Jefferson County A. H. S.)
Vaiden.
Verona.
Vicksburg.
Vicksburg (All Saints College).
Vicksburg (St. Aloysius College).
Washington (Jefferson Military College).
Water Valley.
Wesson (Copiah-Lncoln A. H. S.)
West Point.
Wiggins.
Winona.
Woodville (Wilkinson County A. H. S.)
Yazoo City.

## SCHOOL OF AGRICULTURE.

DR. J. C. ROBERT, Dean.

( Office, Room 206, Montgomery Building. )

The course of study for the first two years in this school is designed to give the student fundamental agricultural principles that the average farmer should know. Basic courses in Agriculture are paralleled by instruction in some of the related sciences, and supplemented by cultural studies. In this manner a liberal training including non-technical, introductory agricultural courses is given to a large number who for various reasons are unable to attend college more than one or two years.

The following courses are required of all students in the School of Agriculture the first two years:

### FIRST YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural Engineering: | | |
| 10 Farm Mechanics | 1 | 2 |
| Agronomy: | | |
| 2 Crops | 2 | 2 |
| Animal Husbandry: | | |
| 1 Elementary Live Stock Judging | 1 | 4 |
| Botany: | | |
| 1 General Botany | 2 | 4 |
| English: | | |
| 1 Composition | 3 | 0 |
| Poultry Husbandry: | | |
| 1 Farm Poultry | 2 | 2 |
| Gymnasium | 0 | 2 |
| Military Science | 1 | 2 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Agronomy: | | |
| 1 Soils | 2 | 2 |
| Botany: | | |
| 2 General Botany | 2 | 4 |
| English: | | |
| 2 Composition | 3 | 0 |
| Physics: | | |
| 2 Elementary Physics | 3 | 4 |
| Veterinary Science: | | |
| 1 Comparative Diseases and Operations | 2 | 2 |
| Gymnasium | 0 | 2 |
| Military Science | 1 | 2 |

SECOND YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural Engineering: | | |
| 11 Farm Machinery | 1 | 4 |
| Chemistry: | | |
| 1 General Inorganic | 3 | 4 |
| Dairy Husbandry: | | |
| 1 Dairy Cattle | 2 | 2 |
| Horticulture: | | |
| 1 Plant Production | 2 | 2 |
| Mathematics: | | |
| 3 Mathematics Syllabus | 3 | 0 |
| Political Science: | | |
| 1 American Government | 3 | 0 |
| Military Science | 1 | 2 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Animal Husbandry: | | |
| 2 Types and Breeds | 3 | 0 |
| Chemistry: | | |
| 2 General Inorganic | 3 | 4 |
| Dairy Husbandry: | | |
| 2 Milk and its Products | 1 | 2 |
| English: | | |
| 3 Advanced Composition | 3 | 0 |
| Geology: | | |
| 6 Agricultural Geology | 2 | 2 |
| Horticulture: | | |
| 2 Orchard Technique | 0 | 2 |
| Zoology: | | |
| 1 Invertebrate Zoology | 2 | 2 |
| Military Science | 1 | 2 |

Beginning with the junior year students may devote time to special courses of instruction that enable them to become more proficient in various lines of agricultural work. Fifteen departments comprise this school, and seven agricultural courses, leading to the degree of Bachelor of Science, are offered. These are the General Agricultural, Agricultural Education, Agricultural Engineering, Agronomy, Animal Husbandry, Dairy Husbandry and Horticultural courses. In each of these courses a certain amount of elective work is allowed under supervision of the head of the department.

## GENERAL AGRICULTURE.

This course has been arranged with a view to supplying needs of students who do not wish to specialize in any particular agricultural line, but who desire advanced instruction from the several departments of the school.

### THIRD YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Bacteriology: | | |
| 1 Beginners' Bacteriology | 2 | 2 |
| Botany: | | |
| 3 Plant Diseases | 1 | 4 |
| Chemistry: | | |
| 12 Elementary Organic | 4 | 4 |
| English Literature: | | |
| 2 Advanced English Literature | 3 | 0 |
| Zoology: | | |
| 3 Vertebrate Zoology | 2 | 2 |
| Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Agronomy: | | |
| 3 Soil Management | 2 | 2 |
| Animal Husbandry: | | |
| 3 Feeds and Feeding | 2 | 2 |
| Horticulture: | | |
| 4 Vegetable Gardening | 2 | 2 |
| Public Discourse: | | |
| 13 Public Meeting | 3 | 0 |
| Zoology: | | |
| 5 General Entomology | 4 | 4 |
| Elective | 3 | 0 |

### FOURTH YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural Engineeering: | | |
| 6 Farm Motors | 1 | 4 |
| Dairy Husbandry: | | |
| 5 Milk Production | 2 | 2 |
| Veterinary Science: | | |
| 3 Contagious Diseases | 2 | 2 |
| Zoology: | | |
| 7 Economic Entomology | 2 | 2 |
| Elective | 9 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural Economics: | | |
| 2 Principles of Agricultural Economics | 3 | 0 |
| 11 Farm Organization | 2 | 2 |
| Animal Husbandry: | | |
| 4 Beef Production | 2 | 2 |
| Elective | 12 | 0 |

## AGRICULTURAL EDUCATION.

This course is designed for students who wish to prepare for teaching vocational agriculture in agricultural high schools or consolidated schools. Completion of this course entitles the graduate to the professional license to teach vocational agriculture in Mississippi, and is accepted as a basis for issuance of such licenses in other states. At present, the demand for teachers of vocational agriculture at good salaries exceeds the supply.

### THIRD YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Bacteriology: | | |
| 1 General Bacteriology | 2 | 2 |
| Agricultural and Industrial Education: | | |
| 1 Educational Psychology | 3 | 0 |
| Political Science: | | |
| 13 Rural Sociology | 3 | 0 |
| Botany: | | |
| 3 Plant Diseases | 1 | 4 |
| Zoology: | | |
| 3 Vertebrate Zoology | 2 | 2 |
| Agricultural Electives | 3 | 0 |
| Electives | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural and Industrial Education: | | |
| 2 General Methods | 3 | 0 |
| Zoology: | | |
| 5 General Entomology | 4 | 4 |
| Animal Husbandry: | | |
| 3 Feeds and Feeding | 2 | 2 |
| Public Discourse: | | |
| 13 Public Meeting | 3 | 0 |
| Agronomy: | | |
| 3 Soil Management | 2 | 2 |
| Electives | 3 | 0 |

### FOURTH YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural Education: | | |
| 3 Vocational Agriculture in High School | 2 | 2 |
| Agricultural Engineering: | | |
| 3 Agricultural Surveying and Drainage | 1 | 4 |
| Agronomy: | | |
| 4 Forage Crops | 2 | 2 |
| Veterinary Science: | | |
| 3 Contagious Diseases | 2 | 2 |
| History and Economics: | | |
| 19 Outlines of Economics | 3 | 0 |
| Agricultural Electives | 3 | 0 |
| Electives | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural Education: | | |
| 4 Vocational Agriculture in High School | 2 | 2 |
| 5 Farm Shop | 0 | 6 |
| 6 Teaching | 1 | 4 |
| Agricultural Economics: | | |
| 11 Farm Organization | 2 | 2 |
| Agricultural Electives | 6 | 0 |
| Electives | 3 | 0 |

## AGRICULTURAL ENGINEERING.

This course is offered with view of giving more engineering instruction than is secured by other agricultural students. The graduates of this course have specialized in non-technical agricultural engineering work and are qualified to handle in an expert manner all modern farm machinery. This course should be clearly distinguished from the Technical Agricultural Engineering Course offered in the School of Engineering.

### THIRD YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural Engineering: | | |
| 6 Farm Motors | 2 | 2 |
| Bacteriology: | | |
| 1 General Bacteriology | 2 | 2 |
| Chemistry: | | |
| 12 Elementary Organic | 4 | 4 |
| English Literature: | | |
| 2 Advanced English Literature | 3 | 0 |
| Zoology: | | |
| 3 Vertebrate Zoology | 2 | 2 |
| Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural Engineering: | | |
| 5 Farm Concrete | 1 | 2 |
| 8 Tractors | 1 | 4 |
| Agronomy: | | |
| 3 Soil Management | 2 | 2 |
| Animal Husbandry: | | |
| 3 Feeds and Feeding | 2 | 2 |
| Public Discourse: | | |
| 13 Public Meeting | 3 | 0 |
| Elective | 7 | 0 |

### FOURTH YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural Engineering: | | |
| 10 Advanced Farm Machinery | 1 | 4 |
| Political Science: | | |
| 13 Rural Sociology | 3 | 0 |
| Horticulture: | | |
| 3 Landscape Gardening | 2 | 2 |
| History and Economics: | | |
| 19 Outlines of Economics | 3 | 0 |
| Veterinary Science: | | |
| 3 Contagious Diseases | 2 | 2 |
| Elective | 6 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural Engineering: | | |
| 3 Agricultural Surveying and Drainage | 2 | 4 |
| 4 Farm Buildings | 2 | 4 |
| Agricultural Economics: | | |
| 11 Farm Organization | 2 | 2 |
| Elective | 10 | 0 |

## AGRONOMY.

Instruction in this course has been arranged with a view to thoroughly familiarizing the student with the essentials of good soil managment and efficient crop production. Since these subjects are agriculturally fundamental, our graduates are prepared for a broad field of work. Students who expect to be engaged in experiment station or extension work, in either soils or crops, elect advanced soil work, experiment station records and like topics.

### THIRD YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Bacteriology: | | |
| 1 General Bacteriology | 2 | 2 |
| Botany: | | |
| 3 Plant Diseases | 1 | 4 |
| Chemistry: | | |
| 12 Elementary Organic | 4 | 4 |
| English Literature: | | |
| 2 Advanced English Literature | 3 | 0 |
| Zoology: | | |
| 3 Vertebrate Zoology | 2 | 2 |
| Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Agronomy: | | |
| 3 Soil Management | 2 | 2 |
| 8 Genetics | 3 | 0 |
| Bacteriology: | | |
| 6 Soil Bacteriology | 2 | 2 |
| Public Discourse: | | |
| 13 Public Meeting | 3 | 0 |
| Zoology: | | |
| 5 General Entomology | 4 | 4 |
| Elective | 3 | 0 |

### FOURTH YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural Engineering: | | |
| 6 Farm Motors | 2 | 2 |
| Agronomy: | | |
| 4 Forage Crops | 2 | 2 |
| 6 Fibre Crops | 3 | 0 |
| History and Economics: | | |
| 19 Outlines of Economics | 3 | 0 |
| Zoology: | | |
| 7 Economic Entomology | 2 | 2 |
| Elective | 6 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural Engineering: | | |
| 8 Tractors | 1 | 4 |
| Agronomy: | | |
| 5 Soil Fertility | 2 | 2 |
| 7 Cotton Classing | 1 | 4 |
| 9 Plant Breeding | 2 | 2 |
| Veterinary Science: | | |
| 3 Contagious Diseases | 2 | 2 |
| Elective | 6 | 0 |

## ANIMAL HUSBANDRY.

One desiring to specialize in Animal Husbandry is privileged to devote his time largely to a study of that class of animals in which he is interested. The subjects, judging animals and feeds and feeding, are given special attention. Practical demonstrations of theoretical instruction are given at the various animal husbandry barns, the nearby farms and in the feed pens.

### THIRD YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Bacteriology— | | |
| 1 General Bacteriology | 2 | 2 |
| Animal Husbandry: | | |
| 3 Feeds and Feeding | 2 | 2 |
| Chemistry: | | |
| 12 Elementary Organic | 4 | 4 |
| English Literature: | | |
| 2 Advanced English Literature | 3 | 0 |
| Zoology: | | |
| 5 Vertebrate Zoology | 2 | 2 |
| Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Agronomy: | | |
| 3 Soil Management | 2 | 2 |
| Animal Husbandry: | | |
| 4 Beef Production | 2 | 2 |
| 5 Advanced Live Stock Judging | 1 | 4 |
| Dairy Husbandry: | | |
| 5 Milk Production | 2 | 2 |
| Public Discourse: | | |
| 13 Public Meeting | 3 | 0 |
| Veterinary Science: | | |
| 5 Medicines on the Farm | 2 | 2 |
| Elective | 3 | 0 |

### FOURTH YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Agronomy: | | |
| 4 Forage Crops | 2 | 2 |
| Animal Husbandry: | | |
| 6 Principles of Breeding | 2 | 2 |
| Bacteriology: | | |
| 4 Veterinary Bacteriology | 2 | 2 |
| History and Economics: | | |
| 19 Outlines of Economics | 3 | 0 |

| | Rec. | Lab. |
|---|---|---|
| Veterinary Science: | | |
| 4 Obstetrics | 2 | 2 |
| Zoology: | | |
| 29 Animal Parasites | 2 | 2 |
| Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural Economics: | | |
| 11 Farm Organization | 2 | 2 |
| Animal Husbandry: | | |
| 7 Pork Production | 2 | 2 |
| 8 Horse and Mule Production | 2 | 2 |
| Veterinary Science: | | |
| 3 Contagious Diseases | 2 | 2 |
| Elective | 9 | 0 |

## DAIRY HUSBANDRY.

Students desiring to specialize as dairy experts will find in this course theoretical instruction and in the department ample practical facilities for their work. The course as outlined will enable one to be qualified as a dairy supervisor or as an expert butter and ice cream manufacturer.

### THIRD YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Chemistry: | | |
| 12 Elementary Organic | 4 | 4 |
| Dairy Husbandry: | | |
| 5 Milk Production | 2 | 2 |
| English Literature: | | |
| 2 Advanced English Literature | 3 | 0 |
| Bacteriology: | | |
| 1 General Bacteriology | 2 | 2 |
| Zoology: | | |
| 3 Vertebrate Zoology | 2 | 2 |
| Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Agronomy: | | |
| 3 Soil Management | 2 | 2 |
| Animal Husbandry: | | |
| 3 Feeds and Feeding | 2 | 2 |
| Bacteriology: | | |
| 3 Dairy Bacteriology | 2 | 2 |
| Dairy Husbandry: | | |
| 8 Advanced Milk Testing | 1 | 4 |
| Public Discourse: | | |
| 13 Public Meeting | 3 | 0 |
| Chemistry: | | |
| 42 Dairy Chemistry | 1 | 4 |
| Agricultural Engineering: | | |
| 6 Farm Motors | 3 | 0 |
| Elective | 3 | 0 |

## FOURTH YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Agronomy— | | |
| 4 Forage Crops | 2 | 2 |
| Dairy Husbandry: | | |
| 6 Advanced Dairy Breeds | 1 | 4 |
| and | | |
| Veterinary Science: | | |
| 4 Obstetrics | 2 | 2 |
| or | | |
| Dairy Husbandry: | | |
| 9 Creamery Butter Making | 2 | 8 |
| Group Electives | 12 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| History and Economics: | | |
| 19 Outlines of Economics | 3 | 0 |
| Dairy Husbandry: | | |
| 7 Seminar | 1 | 4 |
| or | | |
| 11 Dairy Technology | 2 | 2 |
| 10 Ice Cream and Soft Cheese | 2 | 2 |
| or | | |
| Veterinary Science: | | |
| 3 Contagious Diseases | 2 | 2 |
| Group Electives | 12 | 0 |

## HORTICULTURE.

Commercial horticulture, orchards, greenhouse work and landscape gardening have become important industries. Students desiring to prepare themselves for any of these lines of work will find this course of great interest and value.

## THIRD YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Bacteriology: | | |
| 1 General Bacteriology | 2 | 2 |
| Botany: | | |
| 3 Plant Diseases | 1 | 4 |
| Chemistry: | | |
| 12 Elementary Organic | 4 | 4 |
| Horticulture: | | |
| 3 Landscape Gardening | 2 | 2 |
| Zoology: | | |
| 3 Vertebrate Zoology | 2 | 2 |
| Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Agronomy: | | |
| 3 Soil Management | 2 | 2 |
| Horticulture: | | |
| 4 Vegetable Gardening | 2 | 2 |
| 5 Orchard Management | 2 | 2 |
| Public Discourse: | | |
| 13 Public Meeting | 3 | 0 |

| Zoology: | Rec. | Lab. |
|---|---|---|
| 5 General Entomology | 4 | 4 |
| Elective | 3 | 0 |

FOURTH YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural Engineering: | | |
| 3 Agricultural Surveying | 2 | 2 |
| Agronomy: | | |
| 4 Forage Crops | 2 | 2 |
| English Literature: | | |
| 2 Advanced English Literature | 3 | 0 |
| Horticulture: | | |
| 6 Pomology | 2 | 2 |
| Zoology: | | |
| 7 Economic Entomology | 2 | 2 |
| Elective | 6 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural Engineering: | | |
| 6 Farm Motors | 2 | 2 |
| Agricultural Economics: | | |
| 2 Principles of Agricultural Economics | 3 | 0 |
| 11 Farm Organizations | 2 | 2 |
| Horticulture: | | |
| 7 Pomology | 2 | 2 |
| Elective | 9 | 0 |

## TWO-YEAR COURSE IN AGRICULTURE.

This course is designed to give, as far as possible, a working knowledge of the principles of agricultural science and practice to the young men who wish to become practical farmers and stockmen, and who cannot devote time to the high school branches and other college training. The work outlined below is of a more elementary nature than that of the four-year course. These students spend the forenoon in the classroom and the afternoon under the supervision of the professors in the demonstration field plots, experimental fields, greenhouses, gardens, laboratories, dairy, and in studying the different breeds of horses, beef cattle, dairy cattle, sheep, poultry and hogs. In this manner the fields and barns become laboratories of extensive and most practical investigation and observation. The splendid facilities of this College for practical instruction along agricultural lines are rarely duplicated. Every student is urged to complete the four-year-course in Agriculture when possible to do so.

Requirements for admission to the Two-Year Course are that the students must be at least eighteen years of age, and have sufficient preparation to pursue the assigned work satisfactorily. Upon successfully completing the Two-Year Course in Agriculture outlined below a certificate in proficiency is granted. This course, however, does not lead to a degree. Its object is to give definite information that will be of immediate value on the farm:

## FIRST YEAR.

| | First Semester. | Second Semester. |
|---|---|---|
| Agronomy, B and C | 2-2 | 2-2 |
| Animal Husbandry | 2-2 | 0-0 |
| Bacteriology | 0-0 | 2-2 |
| English | 3-0 | 3-0 |
| Botany | 0-0 | 2-2 |
| Dairying | 2-2 | 0-0 |
| Entomology | 0-0 | 2-2 |
| Farm Machinery | 1-4 | 0-0 |
| Farm Mathematics | 3-0 | 0-0 |
| Mechanical Engineering, A, B | 0-2 | 0-2 |
| Poultry | 2-2 | 0-0 |
| Markets | 0-0 | 3-0 |
| Veterinary Science | 0-0 | 2-2 |
| Military Science | 1-2 | 1-2 |
| | 22 | 22 |

## SECOND YEAR.

| | First Semester. | Second Semester. |
|---|---|---|
| Agronomy, D and A | 2-2 | 2-2 |
| Animal Husbandry | 2-2 | 2-2 |
| Dairying | 0-0 | 2-2 |
| English | 3-0 | 0-0 |
| Farm Chemistry | 4-4 | 0-0 |
| Farm Management | 0-0 | 2-2 |
| Horticulture | 0-0 | 2-2 |
| Mechanical Engineering, C | 0-6 | 0-0 |
| Farm Engines and Tractors | 0-0 | 1-4 |
| Public Discourse | 0-0 | 3-0 |
| Farm Drainage | 1-4 | 0-0 |
| Military Science | 1-2 | 1-2 |
| | 21 | 21 |

## PRACTICAL AGRICULTURAL COURSE FOR DISABLED SOLDIERS.

This course is the outgrowth of a demand for practical instruction for our disabled soldiers. It is the aim of this School to meet the demands of the individual case as far as practicable, and to give all of these soldiers instruction that will enable them to become better farmers and better citizens.

Among the agricultural subjects offered are Agricultural Mathematics, Industrial Geography, Soil Study, Field and Forage Crops, Fertilizers, Breeds of Animals, Feeding Animals, Animal Diseases, Farm Machines and Terracing, Gas Engines, Farm Tractors, the Home Garden and Orchard, Dairy Farming and Library Work. Soldier-students doing creditable work in these courses may be advanced into the college classes under regulations governing the same.

### FARMERS' SHORT COURSE IN AGRICULTURE.

The object of this course is to give in the shortest possible time work that will be of practical value on the farm. This work does not give college credits. It is frequently referred to as the "citizen-student course." It may be taken by any citizen of this state who is twenty-one years of age.

Work given by the various departments of the School of Agriculture may be found by referring to the course of study of these departments.

### GRADUATE COURSE IN AGRICULTURE.

Requirements for the Master's degree are satisfactory work continued through two semesters resident study. This work may begin at the opening of either semester. We urge all qualified graduates to enter upon this post-graduate work at the earliest possible time.

### CORRESPONDENCE COURSE IN AGRICULTURE.

This course is designed to give in brief but comprehensive manner a summary of the best thought along agricultural lines. Systematic study at home under direction of the heads of the College departments may accomplish much of practical value. This work represents an effort of the agricultural school to be of service to those who for various reasons cannot attend College. For details of this work see "Service Bureau."

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## SCHOOL OF ENGINEERING.

DR. B. M. WALKER, Dean.

(Office, Room 103, Lee Administration Building.)

The School of Engineering comprises the departments of Mathematics, Mechanical Engineering, Physics, Electrical Engineering, Civil Engineering, Architectural Engineering and Drawing, Agricultural Engineering, Teacher Training in Engineering, and Geology.

It offers in each of the great divisions of engineering—mechanical, electrical, civil, architecture, teacher training, and agricultural engineering—a thorough course of instruction in the scientific principles and an introduction to the practice of the profession. The work is mainly technical, requires preparation of a high order, and exhaustive effort in the courses themselves. Each course requires the completion of 160 semester hours, (a semester hour is one hour a week for one semester), and leads to the degree of Bachelor of Science.

The work of the freshman and sophomore years is common to all students of this School, so that a choice among the different courses need not be made until the beginning of the junior year. The general objects of the several courses are, briefly, as follows:

## CIVIL ENGINEERING.

**The Course in Civil Engineering** has for its object to impart as broad a scientific training as the length of the course and the essential studies will allow, and to afford the student an opportunity to specialize along some line in civil engineering. Strict emphasis is laid on work in surveying, geology, and field methods which is so valuable to young engineers; mechanics and its applications to the designs of roofs and bridges and other structures; railway engineering, railway location and construction, masonry construction and foundation, bridge design, water supply, and sanitary engineering.

Following are the requirements for graduation. The first of each pair of figures under each semester indicates the number of recitations a week. The second indicates the hours of laboratory. One credit for graduation is given for each two hours of laboratory.

### FIRST YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Mathematics: | | |
| 1 Solid Geometry | 3 | 0 |
| Architectural Engineering: | | |
| 30 Mechanical Sketching | 0 | 6 |
| Mechanical Engineering: | | |
| 1 Woodwork | 1 | 4 |
| English: | | |
| 1 English Composition | 3 | 0 |
| History: | | |
| 1 Industrial History of the United States | 3 | 0 |
| Geology: | | |
| 1 General Geology | 2 | 2 |
| Military Science: | | |
| Military | 1 | 2 |
| Physical Education | 0 | 2 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Mathematics: | | |
| 2 College Algebra | 3 | 0 |
| Architectural Engineering: | | |
| 32 Mechanical Drawing | 0 | 6 |
| Mechanical Engineering: | | |
| 2 Woodwork | 0 | 6 |
| English: | | |
| 2 English Composition | 3 | 0 |
| Political Science: | | |
| 1 American Government | 3 | 0 |
| Geology: | | |
| 2 General Geology | 2 | 2 |
| Military Science: | | |
| Military | 1 | 2 |
| Physical Education | 0 | 2 |

### SECOND YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Chemistry: | | |
| 1 General Inorganic | 3 | 4 |

| | Rec. | Lab. |
|---|---|---|
| English: | | |
| 3 Advanced Composition | 3 | 0 |
| Architectural Engineering: | | |
| 36 Mechanical Drawing | 0 | 4 |
| Mechanical Engineering: | | |
| 6 Forge Shop | 0 | 4 |
| Mathematics: | | |
| 4 Trigonometry | 3 | 0 |
| Physics: | | |
| 3 College Physics | 3 | 4 |
| Military Science | 1 | 2 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Chemistry: | | |
| 2 General Inorganic | 3 | 4 |
| Architectural Engineering: | | |
| 38 Machine Drawing | 0 | 4 |
| Mechanical Engineering: | | |
| 7 Forge and Foundry | 0 | 4 |
| Mathematics: | | |
| 5 Analytic Geometry | 3 | 0 |
| Physics: | | |
| 4 College Physics | 3 | 4 |
| Civil Engineering: | | |
| 1 Plane Surveying | 2 | 2 |
| Military Science | 1 | 2 |

## THIRD YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Mathematics: | | |
| 6 Differential Calculus | 3 | 0 |
| Geology: | | |
| 11 Economic Geology | 2 | 2 |
| Civil Engineering: | | |
| 2 Surveying | 3 | 8 |
| 4 Mechanics | 3 | 0 |
| 5 Highway Engineering | 2 | 0 |
| Military Science or Civil Engineering Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Mathematics: | | |
| 7 Integral Calculus | 3 | 0 |
| English: | | |
| 6 Technical Writing | 2 | 0 |
| Geology: | | |
| 12 Economic Geology | 2 | 2 |
| Civil Engineering: | | |
| 3 Advanced Surveying | 1 | 4 |
| 9 Hydraulics | 3 | 2 |
| 11 Sanitary Engineering | 3 | 0 |
| Military Science or Civil Engineering Elective | 3 | 0 |

## FOURTH YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Mathematics: | | |
| 8 Analytic Mechanics | 3 | 0 |
| Mechanical Engineering | 0 | 3 |

| Civil Engineering: | Rec. | Lab. |
|---|---|---|
| 7 Mechanics of Materials | 3 | 0 |
| 12 Water Supply Engineering | 2 | 0 |
| 15 Bridge Stresses | 3 | 4 |
| 17 Structural Design | 0 | 7 |
| Military or Modern Language or Approved Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Mathematics: | | |
| 9 Analytic Mechanics | 3 | 0 |
| History and Economics: | | |
| 17 Principles of Economics | 2 | 0 |
| Civil Engineering: | | |
| 8 Mechanics of Materials | 3 | 0 |
| 13 Reinforced Concrete | 2 | 3 |
| 16 Bridge Design | 2 | 0 |
| 18 Structural Design | 0 | 9 |
| Military or Modern Language or Approved Elective | 3 | 0 |

## ELECTRICAL ENGINEERING.

**The Course in Electrical Engineering** is designed to train the student in those fundamental pinciples of mechanics and electricity which form the basis on which the engineer must build, and to afford the student an opportunity for specialization in the electrical engineering profession. These students take the regular practical courses and shop work with the mechanical engineers and have special stress laid on a familiarity with power and light plants, the operation of direct and alternating current, incandescent, arc and power systems; the principles of alternating currents and machinery, the installation of electric light systems, power, use and transmission, and original research work in the electrical laboratory.

Following are the requirements for graduation. The first of each pair of figures under each semester indicates the number of recitations a week. The second indicates the hours of laboratory. One credit for graduation is given for each two hours of laboratory.

( First and Second Year, same as Course in Civil Engineering. )

### THIRD YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Electrical Engineering: | | |
| 3 Direct Current Dynamos | 5 | 2 |
| Mechanical Engineering: | | |
| 22 Steam Engines | 3 | 2 |
| 25 Engineering Mechanics | 2 | 0 |
| 10 Machine Shop | 0 | 3 |
| 18 Machine Drawing | 0 | 3 |
| Mathematics: | | |
| 6 Differential Calculus | 3 | 0 |
| Military or Electrical Engineering Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Electrical Engineering: | | |
| 4 Direct Current Distribution | 2 | 2 |
| 5 Alternating Currents | 2 | 0 |
| Mechanical Engineering: | | |
| 23 Steam Engines | 2 | 2 |
| 26 Engineering Mechanics | 2 | 0 |
| 11 Machine Shop | 0 | 3 |
| 19 Machine Drawing | 0 | 3 |
| Mathematics: | | |
| 7 Integral Calculus | 3 | 0 |
| English: | | |
| 6 Technical Writing | 2 | 0 |
| Military or Electrical Engineering Elective | 3 | 0 |

FOURTH YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Electrical Engineering: | | |
| 6 Alternating Current Generators | 5 | 4 |
| 7 Electric Machine Design | 2 | 0 |
| Mechanical Engineering: | | |
| 20 Engineering Design | 0 | 3 |
| 27 Materials Laboratory | 0 | 3 |
| Civil Engineering: | | |
| 7 Mechanics of Materials | 3 | 0 |
| Mathematics: | | |
| 8 Analytic Mechanics | 3 | 0 |
| Military or Modern Language or Approved Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Electrical Engineering: | | |
| 8 Electrical Machine Design | 1 | 0 |
| 9 Electric Power Transmission | 2 | 2 |
| 10 Electric Railways | 3 | 0 |
| 11 Illuminating Engineering | 3 | 0 |
| Mechanical Engineering: | | |
| 16 Machine Shop | 0 | 3 |
| 21 Engineering Design | 0 | 3 |
| Mathematics: | | |
| 9 Analytic Mechanics | 3 | 0 |
| History and Economics: | | |
| 17 Principles of Economics | 2 | 0 |
| Military or Modern Language or Approved Elective | 3 | 0 |

## MECHANICAL ENGINEERING.

**The Course in Mechanical Engineering** is designed to train the student in those technical and scientific subjects in which the engineer must be well grounded, and to afford the student an opportunity to specialize in the direction of the mechanical engineering profession. Special stress is laid upon the preparation of the necessary working drawings, the manual training work in the wood shop, the work in the forge, foundry, and machine shops, and upon familiarity with the operations of power and electric light plants, the construction of power systems, and original research work in the mechanical laboratory.

Following are the requirements for graduation. The first of each pair of figures under each semester indicates the number of recitations a week. The second indicates the hours of laboratory. One credit for graduation is given for each two hours of laboratory.

( First and Second Year, same as Course in Civil Engineering. )

THIRD YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Electrical Engineering: | | |
| 1 Direct Current Machinery | 5 | 2 |
| Mechanical Engineering: | | |
| 22 Steam Engineering | 3 | 2 |
| 25 Engineering Mechanics | 2 | 0 |
| 10 Machine Shop | 0 | 3 |
| 18 Machine Drawing | 0 | 3 |
| Mathematics: | | |
| 6 Differential Calculus | 3 | 0 |
| Military or Mechanical Engineering Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Electrical Engineering: | | |
| 2 Alternating Current Machinery | 4 | 2 |
| Mechanical Engineering: | | |
| 23 Steam Engineering | 2 | 2 |
| 26 Enginering Mechanics | 2 | 0 |
| 11 Machine Shop | 0 | 3 |
| 19 Machine Drawing | 0 | 3 |
| Mathematics: | | |
| 7 Integral Calculus | 3 | 0 |
| English: | | |
| 6 Technical Writing | 2 | 0 |
| Military or Mechanical Engineering Elective | 3 | 0 |

FOURTH YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Mechanical Engineering: | | |
| 15 Machine Shop | 0 | 3 |
| 20 Engineering Design | 0 | 3 |
| 28 Internal Combustion Engineering | 3 | 3 |
| 29 Heat and Ventilation | 3 | 0 |
| 27 Materials Laboratory | 0 | 3 |
| Mathematics: | | |
| 8 Analytic Mechanics | 3 | 0 |
| Civil Engineering: | | |
| 7 Mechanics of Materials | 3 | 0 |
| Military or Modern Language or Approved Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Mechanical Engineering: | | |
| 16 Machine Shop | 0 | 3 |
| 21 Engineering Design | 0 | 3 |
| 30 Power Plant Engineering | 2 | 3 |
| 31 Refrigeration | 3 | 0 |
| Mathematics: | | |
| 9 Analytic Mechanics | 3 | 0 |

| History and Economics: | Rec. | Lab. |
|---|---|---|
| 17 Principles of Economics | 2 | 0 |
| Chemistry: | | |
| 4 Technical Analysis | 1 | 5 |
| Military or Modern Language or Approved Elective | 3 | 0 |

## ARCHITECTURAL ENGINEERING.

**The Course in Architectural Engineering** has for its purpose the training of the student in those technical subjects relating directly to his profession along engineering lines, thereby enabling him not only to plan and decorate buildings, but to choose their sites, calculate structural features and equip with proper heating, ventilating and lighting facilities. The general educational subjects required are the same as in the other engineering courses.

Architecture, the oldest constructive science, has always been classed as a fine art. As the physical properties of the various materials used for means of expression must be considered, practical and technical requirements closely connect architecture with the other branches of engineering.

Following are the requirements for graduation. The first of each pair of figures under each semester indicate the number of recitations per week. The second indicates the hours of laboratory. One credit for graduation is given for each two hours of laboratory.

(First and second year same as course in Civil Engineering.)

### THIRD YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Architectural Engineering: | | |
| 2 Architectural Design | 0 | 8 |
| 1 History of Architecture | 3 | 0 |
| 10 Charcoal Drawing | 0 | 2 |
| Civil Engineering: | | |
| 4 Mechanics | 3 | 0 |
| Mechanical Engineering: | | |
| 24 Steam Engineering | 3 | 2 |
| Mathematics: | | |
| 6 Differential Calculus | 3 | 0 |
| Military Science or Architecture Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Architectural Enginering: | | |
| 4 Architectural Design | 0 | 8 |
| 3 History of Architecture | 3 | 0 |
| 12 Charcoal Drawing | 0 | 2 |
| 18 Pen and Ink Rendering | 0 | 2 |
| 24 Water Color Painting | 0 | 2 |
| English: | | |
| 6 Technical Writing | 2 | 0 |
| Electrical Engineering: | | |
| 11 Illuminating Engineering | 3 | 0 |
| Mathematics: | | |
| 7 Integral Calculus | 3 | 0 |
| Military Science or Architecture Elective | 3 | 0 |

FOURTH YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Architectural Engineering: | | |
| 14 Antique Drawing | 0 | 2 |
| 6 Advanced Architectural Design | 0 | 4 |
| 20 Advanced Pen and Ink | 0 | 2 |
| 7 Building Construction (Masonry) | 2 | 0 |
| Mechanical Engineering: | | |
| 29 Heating and Ventilation | 3 | 0 |
| Civil Engineering: | | |
| 7 Mechanics of Materials | 3 | 0 |
| 19 Structural Design | 0 | 6 |
| Mathematics: | | |
| 8 Analytic Mechanics | 3 | 0 |
| Military or Modern Language or Approved Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Architectural Engineering: | | |
| 5 History of Art | 3 | 0 |
| 16 Antique Drawing | 0 | 2 |
| 8 Advanced Architectural Design | 0 | 4 |
| 22 Advanced Pen and Ink | 0 | 2 |
| 26 Advanced Water Color | 0 | 2 |
| 9 Building Construction (Carpentry) | 2 | 0 |
| Civil Engineering: | | |
| 20 Structural Design | 0 | 6 |
| History and Economics: | | |
| 17 Principles of Economics | 2 | 0 |
| Mathematics: | | |
| 9 Analytic Mechanics | 3 | 0 |
| Military or Modern Language or Approved Elective | 3 | 0 |

## AGRICULTURAL ENGINEERING.

The course in technical Agricultural Engineering is prepared to meet the demand for engineers who are able to cope with engineering problems pertaining to agricultural equipment. It is arranged to give the engineer sufficient touch with the agricultural science, so that he will be able to master soil, drainage and building problems with precision and yet not get so far away from the farmer that his work is lost. The subjects pursued fit the man as a professional agricultural engineer to advise farmers in their problems, for the commercial field in producing and selling agricultural equipment, or for the educational field in college and school. This course, intended to train technical agricultural engineers, should be clearly distinguished from the non-technical course in Agricultural Engineering offered in the School of Agriculture.

( First and Second Year, same as Civil Engineering. )

THIRD YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Civil Engineering: | | |
| 4 Mechanics | 3 | 0 |

| Mechanical Engineering: | Rec. | Lab. |
|---|---|---|
| 13 Machine Shop | 0 | 3 |
| 24 Steam Engineering | 3 | 2 |
| Mathematics: | | |
| 6 Differential Calculus | 3 | 0 |
| Agricultural Engineering: | | |
| 2 Farm Machinery | 1 | 4 |
| 6 Farm Motors | 2 | 2 |
| Military or Agricultural Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Civil Engineering: | | |
| 9 Hydraulics | 3 | 2 |
| Mechanical Engineering: | | |
| 14 Machine Shop | 0 | 3 |
| Mathematics: | | |
| 7 Integral Calculus | 3 | 0 |
| English: | | |
| 6 Technical Writing | 2 | 0 |
| Agricultural Engineering: | | |
| 8 Tractors | 1 | 4 |
| 5 Farm Concrete | 1 | 2 |
| Animal Husbandry: | | |
| 3 Feeds and Feeding | 2 | 2 |
| Military or Agricultural Elective | 3 | 0 |

## FOURTH YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Civil Engineering: | | |
| 5 Highway Engineering | 2 | 0 |
| 7 Mechanics of Materials | 3 | 0 |
| Mechanical Engineering: | | |
| 27 Materials Laboratory | 0 | 3 |
| Agricultural Engineering: | | |
| 7 Advanced Farm Motors | 1 | 5 |
| 3 Agricultural Surveying and Drainage | 1 | 4 |
| Horticulture: | | |
| 3 Landscape Gardening | 2 | 2 |
| Political Science and Sociology: | | |
| Rural Sociology | 2 | 0 |
| Military or Agricultural Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Civil Engineering: | | |
| 22 Concrete Construction | 2 | 2 |
| Mechanical Engineering: | | |
| 29 Heating and Ventilation | 3 | 0 |
| History and Economics: | | |
| 17 Principles of Economics | 2 | 0 |
| Agricultural Engineering: | | |
| 4 Farm Buildings | 2 | 4 |
| Agricultural Economics: | | |
| 11 Farm Organization | 2 | 2 |
| Agronomy: | | |
| 14 Soil Syllabus | 3 | 0 |
| Military or Agricultural Elective | 3 | 0 |

## INDUSTRIAL EDUCATION.

**The Course in Industrial Education.**—With the passage of the Smith-Hughes Vocational Educational Act of 1917, and the acceptance of the provisions of that act by the State of Mississippi, the Mississippi Agricultural and Mechanical College was designated by the State Board for Vocational Education as the institution to conduct teacher training work in Trade and Industrial Education.

The work of the freshmen and sophomore years is the same as that prescribed for all engineering students. The work of the junior and senior years is based on the course in Mechanical Engineering. All of the Mechanical Engineering subjects have been retained. The civil and electrical engineering subjects have been eliminated and subjects of a broader general education nature substituted therefor.

The primary object of the department is to train teachers and supervisors for the rapidly growing field of Industrial Education. Thre is a constant and persistent call for teachers of Mechanic Arts subjects, as well as for teachers in the industrial schools being established under the provisions of the Federal Act and it is hoped that the course in Industrial Education will assist in meeting the ever-increasing demand for competent teachers.

Students upon graduation will be entitled to teacher's license from the State Board of Examiners without examination.

All courses in Industrial Education named elsewhere in the catalog will be repeated during the summer school for the benefit of teachers in service.

( First and Second Year, same as Civil Engineering. )

### THIRD YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Mechanical Engineering: | | |
| 10 Machine Shop | 0 | 3 |
| 18 Machine Drawing | 0 | 3 |
| 22 Steam Engineering | 3 | 2 |
| 25 Engineering Mechanics | 2 | 0 |
| Agricultural and Industrial Education: | | |
| 1 Educational Psychology | 3 | 0 |
| 7 History of Industrial Education | 3 | 0 |
| Mathematics: | | |
| 6 Differential Calculus | 3 | 0 |
| Military or Elective | 3 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| English: | | |
| 6 Technical Writing | 2 | 0 |
| Mechanical Engineering: | | |
| 11 Machine Shop | 0 | 3 |
| 19 Machine Drawing | 0 | 3 |
| 26 Engineering Mechanics | 2 | 0 |
| 5 Cabinet Making | 0 | 4 |
| 23 Steam Engineering | 2 | 2 |

| | Rec. | Lab. |
|---|---|---|
| Agricultural and Industrial Education: | | |
| 2 General Methods | 3 | 0 |
| Mathematics: | | |
| 7 Integral Calculus | 3 | 0 |
| Military or Elective | 3 | 0 |

FOURTH YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural and Industrial Education: | | |
| 8 Trade Analysis | 3 | 0 |
| 10 Industrial Education | 3 | 0 |
| 14 Teaching | 0 | 2 |
| Mechanical Engineering: | | |
| 20 Engineering Design | 0 | 3 |
| 15 Machine Shop | 0 | 3 |
| 28 Internal Combustion Engineering | 3 | 3 |
| 29 Heating and Ventilating | 3 | 0 |
| Military or Modern Language or Approved Elective | 3 | 0 |

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Agricultural and Industrial Education: | | |
| 11 Industrial Education | 2 | 0 |
| 12 Methods of Teaching | 3 | 0 |
| 13 Theory and Administration of Industrial Education | 2 | 0 |
| Mechanical Engineering: | | |
| 21 Engineering Design | 0 | 3 |
| 16 Machine Shop | 0 | 3 |
| 30 Power Plant Engineering | 2 | 3 |
| 31 Mechanical Refrigeration | 3 | 0 |
| History and Economics: | | |
| 17 Principles of Economics | 2 | 0 |
| Military or Modern Language or Approved Elective | 3 | 0 |

The Course in Internal Combustion Engineering is yet undeveloped. Its object is to prepare men for engineering in strictly internal combustion engines, gas, oil and gasoline engines and automobiles; garage managers and foremen.

In addition to the technical training, all engineering students receive instruction in English, Chemistry, History, Political Science, Economics, and Military Science and Tactics. A small amount of elective work is permitted.

In each of these courses a great deal of time is required for the practical work in the field, shops and laboratories; but every engineer knows and appreciates full well the benefit of this training and experience. It is our aim to train our students to be independent and efficient workers and to adopt the methods of professional engineers. All engineering students are advised to spend their vacations in factories, repair shops, power, and electric light plants, and with engineering corps in the field, in order to obtain commercial experience, that they may better appreciate the relations of their technical training and actual work.

Special Courses.—Special courses are arranged in the School of

Engineering to accommodate persons of mature years who desire to pursue some special line of engineering work without becoming a candidate for a degree.

**Graduate Courses.**—Advanced courses, open to graduates only, are offered by the several departments in the School of Engineering.

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## SCHOOL OF SCIENCE.

DR. W. F. HAND, Dean.

( Office, Room 6, Chemistry Building. )

While one of the primary functions of this school is to supply fundamental courses in the sciences required in the general scheme of technical training offered by the institution, it presents opportunities that are broader than that, and seeks to provide, through the privilege of election, an adequate basis for other vocational or professional courses, as well as to meet the requirements of young men looking forward to careers as scientists, or who wish a general training in the physical and natural sciences as a background for their undergraduate work.

It is obvious that the freedom of election during the third and fourth years permits the grouping of courses to meet the most varied needs of students, but elective freedom may not be abused by aimless choice. The curriculum is selected with the advice of the Dean and of the instructors concerned. It must bear evidence of a definite purpose and of logical coherence.

The prescribed work for the first two years is designed to form a sound basis for the technical, science and cultural courses which are chosen after its completion. The arrangement of courses for the third and fourth years may be made to conform largely to the special requirements or predelictions of the student. This opportunity satisfies the needs of several types of college men, among whom there may be spcially mentioned:

(1). Those who are seeking training in a science with the view of becoming college teachers and research workers, or of preparing themselves for positions in the Government Service or industrial enterprises.

(2). Young men who enter college before reaching a definite decision as to their vocation. While engaged in the fundamental courses during the first two years, students of this class find time for deliberation, and the safer judgment which comes with study and a better acquaintance with college work and affairs may enable them to avoid a hasty and unfortunate selection of a career. The two years of elective work yet remaining permit specialization in one or more science subjects, but do not of necessity require it.

(3). Those preparing themselves for teaching in the public

schools, especially men desiring to teach science and industrial or vocational subjects. The option in Education permits the arrangement of suitable courses.

(4). Students wishing to pursue a general college course without undue specialization. The two years of prescribed work form a basis of liberal culture.

(5). Those who desire to prepare themselves for the study of medicine. The entrance credits in English, biology, chemistry, physics, and modern languages required by medical institutions can be taken without difficulty.

The degree of Bachelor of Science is conferred when 160 credit hours have been completed. The prescribed courses of instruction are given in the tabular statement which follows. The first of each pair of figures indicates the number of lecture hours and the second the number of laboratory hours weekly.

FIRST YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| English: | | |
| 1 Composition | 3 | 0 |
| History and Economics: | | |
| 1 Economic History of the United States | 3 | 0 |
| Mathematics: | | |
| 1 Solid Geometry | 3 | 0 |
| Botany: | | |
| 1 General Botany | 2 | 4 |
| Geology: | | |
| 1 General Geology | 2 | 2 |
| Zoology and Entomology: | | |
| 1 Invertebrate Zoology | 2 | 2 |
| Physical Education: | | |
| Gymnasium Exercises | 0 | 2 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| English: | | |
| 2 Composition | 3 | 0 |
| Mathematics: | | |
| 2 College Algebra | 3 | 0 |
| Political Science and Sociology: | | |
| 1 American Government | 3 | 0 |
| Botany: | | |
| 2 General Botany | 2 | 4 |
| Geology: | | |
| 2 General Geology | 2 | 2 |
| Zoology ond Entomology: | | |
| 3 Vertebrate Zoology | 2 | 2 |
| Physical Education: | | |
| Gymnasium Exercises | 0 | 2 |

SECOND YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| English: | | |
| 3 Advanced Composition | 3 | 0 |
| Mathematics: | | |
| 4 Trigonometry | 3 | 0 |

| | Rec. | Lab. |
|---|---|---|
| Physics: | | |
| 3 College Physics | 3 | 4 |
| Chemistry: | | |
| 1 General Inorganic | 3 | 4 |
| Bacteriology: | | |
| 1 Beginning Bacteriology | 2 | 2 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| English: | | |
| 4 Scientific Writing | 3 | 0 |
| Physics: | | |
| 4 College Physics | 3 | 4 |
| Chemistry: | | |
| 2 General Inorganic | 3 | 4 |
| Zoology and Entomology: | | |
| 5 General Entomology | 4 | 4 |

## ELECTIVE CREDITS.

After the completion of the prescribed course of the first and second years, the requirements for graduation are met by the selection of credits from one of several groups. The choice or option must be declared during the first semester of the third year.

**Credits in Science** are usually restricted to courses in Bacteriology, Botany, Chemistry, Geology, Physics, Physiology, and Zoology, but other science departments may be admitted to this group on approval of the Science School faculty.

## ELECTIVE GROUPS OR OPTIONS.

1. **Special Science.**—This group is intended to include students wishing to devote themselves as far as advisable to study and work in a single science department with the view of obtaining employment, or upon entering as soon as possible upon further study after graduation. The head of the department in which the principal subject lies will advise the student with reference to the selection of courses in both major and minor subjects.

Courses in the major subject must include not less than 18 and not more than 36 credits. The minimum number of credits in science is 30 and the maximum is 42. The requirements for graduation are met by selection of courses not included in the science group, but at least 9 credits must be chosen in the department of Modern Languages.

2. **General Science.**—Those who select this option choose at least 9 credits in each of two sciences, and not less than 30 and not more than 42 credits from the science group. The remaining courses necessary for graduation are selected from other departments of instruction.

This option permits students to give a general scientific trend to their undergraduate work without undue specialization in any direction. It does not exclude abundant opportunity for the selection of courses in Language, Literature, History, Economics, and Government, or of a limited number also of special subjects in the Schools of Agriculture, Engineering, and Business.

3. **Education.**—Members of this School who are looking forward to careers as teachers select their courses under the direction of the Department of Agricultural and Industrial Education. The freedom of election permits preparation for teaching science and industrial subjects, as well as general training for public school work and administration.

Those who wish to comply within two years with the statutory requirements for a license to teach (valid for two years) in the public schools of the state may substitute in each of the two years of prescribed work 6 credits in Education for a like number of credits in Science. The courses in Education selected will count toward graduation, but the required Science credits for which substitution is made must be satisfied before a degree is conferred.

There are no specific restrictions with regard to elective credits in this option, but all courses must be chosen in consultation with the Department of Agricultural and Industrial Education, whose approval of them is required.

4. **General Course.**—Students registered in this School who may wish to make a more general program that can be arranged within the requirements of the preceding options, may declare their preference after completing the two years of prescribed work. On approval of the Dean, such students may complete the requirements for the degree by the election of 18 credits in the science group and 66 credits from other departments of instruction.

It is not intended that this option shall afford opportunity for indiscriminate election without definite purpose. The Dean and members of the faculty will confer with students in making an orderly and related schedule for the two years of elective work.

**Graduate Courses.**—Courses in the sciences leading to the degree of Master of Science are offered. The nature and scope of graduate courses are arranged by conference with candidates for the advanced degree.

**Advisers.**—The heads of departments in the Science School are expected to maintain an advisory control of the work of students taking major courses with them. In this way the experience and judgment of the professors is brought to the aid of the undergraduate in the proper exercise of the freedom permitted him in the selection of his courses of instruction.

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## SCHOOL OF BUSINESS AND INDUSTRY.

JAMES V. BOWEN, Dean.

( Office, Room 113, Lee Administration Building. )

A complete professional course in business is offered. Its aim is to afford a sound knowledge of fundamental business facts and principles in addition to practical training in business methods.

President James of the University of Illinois says: "The aim of commercial education . . . is to awaken a profound interest in business as such; to train youth to an appreciation of the functions of business and business practice in our modern life; to inform him as to the history of industry and trade; to awaken his interest in the future; to train him to keep his eyes open as to business possibilities; to inspire him with a healthy respect for business in all its various branches; to arouse a determination to become not only a successful business man in the ordinary sense of the term, but a useful one as well; to beget a public spirit; to excite an interest in the higher welfare of society; in a word, to become a public-spirited, intelligent, well-educated, and successful man of affairs.

In order to do its part, this college in 1915, established a four year collegiate course in Business. It is intended to train citizens, providing them with the knowledge upon which to enter the field of business in our own state. It touches very lightly the problems of "Big Business," and in this regard it differs from courses in other colleges.

It proposes to furnish Business Training for Farmers, Merchants, Credit Men, Salesmen, Bankers, Secretaries of Civic Leagues, Teachers of Commercial and Vocational Subjects, Public Accountants, Journalists, Public Officials, Lawyers, and all who wish to know the fundamental principles upon which business is based.

## COURSE OF STUDY.

The course of study is four years in length and leads to the degree of Bachelor of Science. The work is partly required and partly elective, as follows:

### FIRST YEAR.

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Commerce: | | |
| 41 Elementary Accounting | 1 | 6 |
| 1 Salesmanship | 3 | 0 |
| English: | | |
| 1 Composition | 3 | 0 |
| Modern Language: | | |
| Spanish, French, or German | 3 | 0 |
| Political Science: | | |
| 1 American Government | 3 | 0 |
| Geology: | | |
| 5 General and Industrial Geography | 2 | 2 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Commerce: | | |
| 42 Accounting | 1 | 6 |
| 2 Retail Store Management | 3 | 0 |
| English: | | |
| 2 Composition | 3 | 0 |
| Modern Language: | | |
| Spanish, French, or German | 3 | 0 |

| | Rec. | Lab. |
|---|---|---|
| Mathematics: | | |
| 2 College Algebra | 3 | 0 |
| History and Economics: | | |
| 3 Economic History of the United States | 3 | 0 |

SECOND YEAR.*

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Commerce: | | |
| 3 Business Law | 4 | 0 |
| 43 Advanced Accounting | 3 | 0 |
| Public Discourse: | | |
| 21 Advertising | 3 | 0 |
| English: | | |
| 3 Advanced Composition | 3 | 0 |
| Elective | 6 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Commerce: | | |
| 4 Business Law | 4 | 0 |
| 5 Credit and Collections | 3 | 0 |
| Public Discourse: | | |
| 13 Public Meeting | 3 | 0 |
| English: | | |
| 5 Business English | 3 | 0 |
| Elective | 6 | 0 |

THIRD YEAR.*

| Fall Semester-- | Rec. | Lab. |
|---|---|---|
| Commerce: | | |
| 6 Business Finance | 3 | 0 |
| 9 Business Ethics | 3 | 0 |
| History and Economics: | | |
| 21 Economics | 3 | 0 |
| Electives | 12 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Commerce: | | |
| 7 Investments | 3 | 0 |
| History and Economics: | | |
| 5 Latin American History | 3 | 0 |
| 23 Money and Banking | 3 | 0 |
| Electives | 12 | 0 |

FOURTH YEAR.*

| Fall Semester— | Rec. | Lab. |
|---|---|---|
| Elective | 21 | 0 |

| Spring Semester— | Rec. | Lab. |
|---|---|---|
| Elective | 21 | 0 |

At least thirty-six hours shall be elected from one of the departments of the school and closely allied subjects, the selection to be made at the beginning of the second year, and approved by the head of the department in which his major work lies, and by the Dean of the School. Ordinarily, one of the following courses should be chosen:

* Students graduating in 1922, 1923, and 1924, will be required to take at least six semester hours in a modern language.

1. MERCHANDISING:

**Commerce.**—44 Cost Accounting; 10 Office Management; 11 Foreign Trade; 12 Fire Insurance; 48 Practical Banking; 14 Real Estate; 15 Business Clubs; 17 Transportation.

**Agricultural Economics.**—3 Cooperative Marketing.

**Agronomy.**—7 Cotton Classing.

**History.**—13 Economic History of Europe.

**Political Science and Sociology.**—11 Sociology.

**Elective.**—42 hours free.

2. ACCOUNTING AND BANKING:

**Commerce.**—48 Practical Banking; 44 Cost Accounting; 45 Auditing; 46 Public Utility Accounting; 47 Municipal Accounting; 16 C. P. A. Law Cases; 10 Office Management; 17 Transportation; 12 Fire Insurance; 14 Real Estate.

**Mathematics.**—4 Trigonometry; Mathematics of Investment.

**Elective.**—42 hours free.

3. FOREIGN TRADE:

**Commerce.**—17 Transportation; 11 Foreign Trade; 10 Office Management; 8 Industrial Organization.

**History.**—13 Economic History of Europe; 11 Political History of Europe.

**Modern Languages.**—At least six courses.

**Elective.**—42 hours free.

4. * COMMERCIAL TEACHING AND SECRETARIAL WORK:

**Commerce.**—61 Shorthand and Typewriting; 62 Advanced Shorthand; 63 Speed Dictation; 64 Office Practice; 48 Practical Banking; 10 Office Management.

**Agricultural and Industrial Education.**—15 Elementary Psychology; 16 Advanced Psychology; 17 Educational Psychology; 18 School Management; 19 History of Education; 20 School Administration.

**Political Science.**—11 Sociology.

**History.**—13 Economic History of Europe.

**English.**—7 Advanced Composition.

**Literature.**—One course.

**Modern Languages.**—At least two courses.

**Elective.**—21 hours free.

5. JOURNALISM:

**Public Discourse.**—22 Journalism; 23 Advanced Journalism; 1 Current Affairs; 2 Mississippi.

**Political Science.**—3 Municipal Government; 2 Political Parties; 11 Sociology.

**History.**—25 Taxation; 11 Political History of Europe; 9 American History; 27 Labor Problems.

**Literature.**—One course.

**Elective.**—42 hours free.

6. MUNICIPAL ADMINISTRATION:

**Commerce.**—48 Practical Banking; 15 Business Clubs; 45 Auditing; 47 Municipal Accounting; 46 Public Utility Accounting.

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* Graduates of this course will be entitled to a professional life license to teach in Mississippi.

**Political Science.**—2 Political Parties; 3 Municipal Government; 7 Constitutional Law; 11 Sociology.
**History.**—25 Taxation.
**Public Discourse.**—12 Public Speaking; 22 Journalism.
**Modern Languages.**—At least two courses.
**Elective.**—36 hours free.

7. INDUSTRIAL MANAGEMENT:

**Commerce.**—44 Cost Accounting; 45 Auditing; 10 Office Management; 46 Public Utility Accounting.
**History.**—27 Labor Problems.
**Architecture.**—30 Mechanical Sketching; 32, 36, 38 Mechanical Drawing; 7 Building Construction (Masonry); 8 Building Construction (Carpentry).
**Physics.**—3, 4 College Physics.
**Mechanical Engineering.**—1, 2 Woodworking; 3, 4 Cabinet Work; 6 Forge Work; 13, 14 Machine Shop Work.
**Elective.**—25 hours free.

8. GEOLOGY AND COMMERCE:

**Geology.**—1, 2 General Geology; 11, 12 Economic Geology; 21, 22 Stratigraphy and Paleontology; 31 Field Geology; 32 Oil Geology.
**Mathematics.**—4 Trigonometry.
**Commerce.**—44 Cost Accounting; 14 Real Estate; 8 Industrial Organization.
**Physics.**—3, 4 College Physics.
**Chemistry.**—1, 2 General Inorganic.
**Civil Engineering.**—1 Plane Surveying.
**Elective.**—17 hours free.

The above groups are combinations of courses now available in the College. Students who do not find their individual needs cared for among these will be assisted in mapping out such a combination as will do so.

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## ACADEMIC SCHOOL.

F. J. WEDDELL, Dean.

(Office, Room 214, Lee Administration Building.)

The Academic School comprises the Departments of Mathematics, Political Science and Sociology, English, Public Discourse, Modern Languages, History and Civics, and English Literature.

Since the College is a technical institution and as such does not grant an arts degree, the Academic School does not offer a separate course of study. Its purpose is (1) to draw into close relationship the several departments offering purely academic courses, (2) to secure strict coherence in matters of department interest and of general college policy, and (3) to coordinate the work of the academic departments with that of the several schools which offer courses leading to a degree.

All of the academic departments offer numerous courses indispensable in each of the schools. The grouping of the departments into a

new school has been done not only that the foregoing purposes may be carried out, but that there may be secured the close and thorough cooperation of the different schools between their scientific and academic courses in order that at all times the proper correlation may be maintained.

## VOCATIONAL EDUCATION.

The passage of the Federal Vocational (Smith-Hughes) Act in 1917 has given a powerful impetus to Vocational Education in secondary schools in every state in the United States. Schools and departments of instruction in agriculture, trades and industries and home economics have been organized in great numbers. Perhaps the greatest problem in this movement has been to supply adequately trained teachers to organize and give the instructions in these lines of work. Up to date, it has been impossible to meet the demand for teachers, though the salaries for this work have averaged much higher than for academic teaching of a similar grade.

The State Board for Vocational Education has designated the Mississippi Agricultural and Mechanical College as the institution for training teachers of vocational agriculture and industrial branches. The Department of Agriculture and Industrial Education has been charged within the college with the duty of organizing the teacher-training curriculum and of giving the instruction in the professional work needed to prepare such vocational teachers.

Courses for the prospective teacher of agriculture include cultural, technical agricultural and professional courses. The technical courses are selected to give a general agricultural preparation such as would furnish the training needed by a good farmer. This is the type of subject matter which should be taught in the high schools. The professional courses provide the training needed by every class room teacher through general education courses plus the training for meeting the special teaching conditions of the vocational agricultural teacher.

No interest in Mississippi is as important as the development of rural life and good farming. No factor can influence this development as effectively as the local agricultural school, but to do this successfully there must be alert, well trained, earnest teachers of agriculture for these schools. By the year 1926 the Federal Government will be paying into Mississippi approximately $100,000 annually to promote this work, and practically all of this will be used in supplementing the salaries of teachers of vocational agriculture. The field of vocational agricultural teaching offers a promising future for the right kind of young man.

The cultural, technical and professional work for prospective teachers of industrial subjects is organized on a similar basis to that

for teachers of agriculture. The prime object is to train teachers and supervisors for the rapidly growing field of Industrial Education. There is a constant and persistent call for teachers of Mechanic Arts subjects, as well as for teachers in the Industrial schools being established under the provisions of the Federal Act, and it is hoped that the course in Industrial Education will assist in meeting this ever-increasing demand for competent teachers.

The department will offer short summer courses for principals and vocational teachers in agricultural and industrial education already in service. These courses will be shaped to meet the expressed needs of such teachers.

The college offers, under the direction of this department, a series of courses for disabled soldiers in conformity with a contract between the colleges and the Federal Board for Vocational Education. The courses offered are Agronomy, Animal Husbandry, Auto Mechanics, Farm Machinery, Tractors, and academic work such as Arithmetic, English and Spelling needed by students in the above courses or preparatory to them. Opportunity is offered to limited groups for practical work and instruction in Barn Practice, Dairy Industry, Horticulture, Poultry and other fields. These courses are all based on the needs of men entering employment in the corresponding fields.

## GRADUATION AND DEGREES.

The only honorary degree conferred is that of Master of Agriculture (M. A.) bestowed upon those who have attained eminent success in some branch of agriculture.

The degree of Bachelor of Science (B. Sc.) is conferred upon students who spend at least one year in resident study and complete the 160 semester hours required in any one of the courses by passing all the required examinations.

The professional degrees of Civil Engineer, Electrical Engineer, Mechanical Engineer, will be conferred upon graduate students who complete satisfactorily the two years' course of study prescribed for the degree.

The degree of Master of Science (M. Sc.) will be conferred on any person who has taken the Bachelor's degree in this college or any other college with equivalent courses, who pursues and completes the graduate course prescribed and complies with the following requirements:

1. Candidates for the Master's degree shall matriculate as graduate students.

2. Application for the degree shall be filed with the secretary of the faculty not later than one month after the beginning of the session.

3. Graduates of other colleges shall spend at least two semesters in resident study at this college; in the case of graduates from this

college the foregoing residence requirements shall apply, except in cases where the faculty may permit the candidate, on the recommendaiton of the head of the department in which his major course lies, to do an equal amount of residence work in some other institution of like rank with this college.

4. Any student who desires to take a degree of Master of Science in Agriculture shall first be required to satisfy the requirements for the degree of Bachelor of Science in Agriculture.

5. The deans of the various schools of the College shall constitute a Committee on Graduate Study and it shall be the duty of this committee to enforce the regulations of the faculty with regard to graduate work.

6. All candidates for the Master's degree shall be required to complete at least 42 semester hours with a grade of at least 80 in each subject, and not more than 25 hours may be completed in any one semester.

7. The grades of all graduate students shall be recorded with the Registrar of the College, who shall also keep a record of the entrance credits and of the undergraduate work of each graduate student.

8. The candidate shall complete a major and minor course of his own selection, to be chosen in those departments which offer courses for the Master's degree. The minor course shall be selected subject to the approval of the head of the department in which the major course is taken, and shall occupy one-third the total time. If the student at any time changes his selection of a major department, the work already done in that department shall not be counted towards the Master's degree, unless approved by the head of the new major department.

9. The candidate shall have a reading knowledge of German, French, Spanish, or Latin, to be certified by the Department of Languages of this College, the choice to be approved by the head of the department in which the major work is taken.

10. The candidate shall submit to the head of the department in which his major work is taken at least three weeks before graduation, an acceptable graduation thesis on a subject of investigation or study in the department in which the major course is taken. The thesis shall be submitted to the Department of English for its approval at least two weeks before graduation. The form and style of the thesis must conform to certain requirements, which will be indicated on application to the Registrar.

## HONORS.

1. Graduates who shall complete 160 semester hours with an average grade of 85 per cent; or who shall complete 160 semester hours with no grade less than 80 per cent, shall be awarded a diploma inscribed "with Honors."

2. Graduates who complete 160 semester hours with an average grade of 90 per cent; or who shall complete 160 semester hours with no grade less than 85 per cent, shall be awarded a diploma inscribed "with Special Honors."

3. Graduates who shall complete 160 semester hours with an average grade of 95 per cent; or who shall complete 160 semester hours with no grade less than 90 per cent, shall be awarded a diploma inscribed "with Highest Honors."

4. In calculating averages, the credit hours for each course shall be multiplied by the final grade for that course, and the total averaged. In the fourth year, grades shall not include the last semester's work.

5. Students entering with advanced standing shall count only the work done in this institution; and no student who has not been in residence here for at least four semesters shall be eligible for honors.

# DESCRIPTION OF COURSES

Beginning with the session of 1921-1922, the college year will be divided into Fall and Spring Semesters, instead of three terms or quarters, as in the past.

The departments of the College are listed alphabetically below. Each course covers one semester, or half-year's work. Any course may be elected by a student, provided he has done the required prerequisite work and secures permission of the head of the department.

The Dean of the School in which the student is registered will determine whether credit toward graduation will be allowed. Some departments offer courses in the summer. Many courses are repeated in the following semester. This is usually indicated.

Credit is reckoned in semester hours. A semester hour is one recitation or two laboratory periods a week for one semester. Each recitation presupposes at least one and one-half hours preparation. The number of credit hours given for each course below is shown by a figure in parenthesis. No credit for graduation will be given for courses marked with a capital letter instead of a number.

Courses announced in this catalog are planned for the session of 1921-1922, but the College reserves the right to omit or give them in different semesters as necessity may demand. New courses not here announced may also be given.

## AGRICULTURAL AND INDUSTRIAL EDUCATION.

Agricultural Education: Professor Lusk.
Industrial Education: Professor Broadfoot.
Associate Professor Martin; Associate Professor Wynne;
Assistant Professor Greene; Mr. Deen.

1. **Educational Psychology.**—Three lectures. Fall semester. (3.) Required of Agricultural Education and Industrial Education Juniors. Associate Professor Wynne.

Psychology of childhood; adolescence; application of scientific principles to the teaching of agriculture and industrial subjects.

2. **General Methods** (Prerequisite, Agricultural and Industrial Education 1.)—Three lectures. Spring semester. (3.) Required of Agricultural Education and Industrial Education Juniors. Associate Professor Wynne.

Professional standards of the teacher, classroom procedure, daily program, problems of discipline, types of recitations, methods of teaching how to study, vocational guidance.

3-4. **Vocational Agriculture in the High School** (Prerequisite, Agricultural and Industrial Education 2.)—Two recitations, two laboratory hours. Both semesters. (3), (3). Required of Agricultural Education Seniors. Professor Lusk and Associate Professor Martin.

Teaching problems which confront the teacher of vocational agriculture in the high school. Repeated for juniors beginning the spring semester if there is sufficient demand.

5. **Farm Shop in the High School.**—Six hours laboratory. Spring semester. (3.) Required of Agricultural Education Seniors. Assistant Professor Greene.

Preparation of the prospective teacher to plan and do the ordinary farm carpentry and repair work of the farm and to teach this to the agricultural high school pupil.

6. **Teaching** (Prerequisite, Agricultural Education 3.)—One recitation, four hours teaching. Each semester. (3.) Required of Agricultural Education Seniors. Professor Lusk; Associate Professor Martin; Assistant Professor Greene; Mr. Deen.

Supervised teaching at the Oktibbeha County Agricultural High School or some similar school.

7. **History of Industrial Education.**—Three lectures. Fall semester. (3.) Required of Industrial Education Juniors. Professor Broadfoot.

Historical development of the present movement of industrial education and causes leading to the evolution of our present day vocational schools and classes.

8. **Trade Analysis.**—Three lectures. Fall semester. (3.) Required of Industrial Education Seniors. Professor Broadfoot.

Drill in breaking down some of the trades common to this state into units having similar learning difficulties and organizing the material into progressive courses of study.

10-11. **Industrial Education.**—Three lectures. Fall semester. (3.) Two lectures. Spring semester. (2.) Required of Industrial Education Seniors. Professor Broadfoot.

The industrial survey; vocational guidance and placement; organization of subject matter.

12. **Methods of Teaching Shop and Related Subjects.**—Three lectures. Spring semester. (3.) Required of Industrial Education Seniors. Professor Broadfoot.

Development in the individual teacher of a keener realization and appreciation of the basic factors of teaching industrial subjects, in order to raise the standards of instruction in our vocational schools and classes.

13. **Theory and Administration of Industrial Education.**—Two lectures. Spring semester. (2.) Required of Industrial Education Seniors. Professor Broadfoot.

Methods of organization of industrial schools and classes. To assist teachers and administrators of industrial education to comprehend more fully the duties and responsibilities.

14. **Teaching.**—Two hours laboratory. Fall semester. (1.) Required of Industrial Education Seniors. Professor Broadfoot.

Observation and Practice teaching.

15. **Elementary Psychology.**—Fall and spring semesters. (3.) Required of juniors and seniors for professional teachers' license. Associate Professor Wynne.

The laws of the mind in relation to the physical organism; to

their logical issues in human conduct; and to the rational interpretation of mental phenomena.

16. **Advanced Psychology** (Prerequisite, Agricultural and Industrial Education 15.)—Spring semester. (3.) Required of juniors and seniors for professional teachers' license. Associate Professor Wynne.

Facts of mental life, the physiological changes connected with them, and their relation to intelligent action.

17. **Educational Psychology** (Prerequisite, Agricultural and Industrial Education 15.)—Fall semester. (3). Required of juniors and seniors for professional teachers' license. Associate Professor Wynne.

Principles of psychology forming the basis of educational methods; a review of the common school subjects from the standpoint of the teacher; examination of intelligence and educational measurements.

18. **School Management** (Prerequisite, Agricultural and Industrial Education 15.)—Fall semester. (3.) Required of juniors and seniors for professional teachers' license. Associate Professor Wynne.

School organization, classroom routine, the daily program, problems of discipline, observation work, and practice teaching.

19. **History of Education** (Prerequisite, Agricultural and Industrial Education 15.)—Spring semester. (3.) Required of juniors and seniors for professional teachers' license. Associate Professor Wynne.

Development of educational theory and practice in relation to organization, administration, aims, and methods, establishing a basis for a clear notion of educational needs.

20. **School Administration** (Prerequisite, Agricultural and Industrial Education 15.)—Spring semester. (3.) Required of juniors and seniors for professional teachers' license. Associate Professor Wynne.

Organization and administration of the public school systems of the United States as related to district, county, city, and State, paying special attention to the school system of Mississippi.

21. **Mental Tests and Measurements** (Prerequisites, Agricultural and Industrial Education 15.)—Spring semester. (3.) Elective for seniors and graduates. Associate Professor Wynne.

Different types of intelligence and educational tests; observation and practice testing; use of statistical methods in the interpretation of results.

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## AGRICULTURAL ECONOMICS.

Professor Lipscomb; Associate Professor Andrews.

### Markets and Rural Economics.

For Undergraduates.

A. **Elementary Studies in Cooperative Marketing.**—Three recitations. Spring semester. Required of first year students of the two-year course in Agriculture.

2. **Principles of Agricultural Economics.**—Three lectures. Spring semester. (3.) Required of Horticulture, and General Agriculture Seniors.

Application of Economics to Marketing, Tenantry, Rural Credits, Farmers' Organizations and other public agricultural problems.

3. **Cooperative Marketing.**—Two lectures. Two hours laboratory. Spring semester. (3).

A study of the best methods of marketing farm products under Mississippi conditions.

4. **Cooperation.**—Three lectures. Spring semester. (3).

The study of the History of Cooperative Movements, principles of successful cooperation and their application to present conditions.

5. **Farm Law.**—Spring. (3).

**Graduate Courses.**

6. **Land Tenure.**—Hours to be arranged.

7. **Economic History of American Agriculture.**—Hours to be arranged.

8. **Agricultural Finance.**—Hours to be arranged.

**Farm Management.**

For Undergraduates.

B. **Principles of Farm Management.**—Spring semester. Two lectures. Two hours laboratory. Required of second year students of the two-year course in Agriculture.

10. **Farm Cost Accounting.**—Spring semester. One lecture. Four hours laboratory. (3.) Required of Agronomy, Agricultural Education, Animal Husbandry, Agricultural Engineering, Horticulture, and General Agriculture Seniors. Elective for Dairy Seniors.

Practical methods of keeping records on the cost of producing farm and livestock products, so as to ascertain the most profitable enterprises and combination of enterprises on the farm.

11. **Farm Organization.**—Spring semester. Two lectures. Two hours laboratory. (3). Required of Agronomy, Agricultural Education, Animal Husbandry, Agricultural Engineering, Horticulture and General Agriculture Seniors. Elective for Dairy Seniors.

A study of the most profitable proportions of investment in different productive factors of the farm, together with the planning of fields and crop rotations for their most efficient management.

12. **Types of Farming in Mississippi.**—Three lectures. Spring semester. (3).

A comparison of profits derived from the different types of farming in the several soil areas of the state. Our records revealing the business showing of over five hundred farms will constitute the basis of this course.

For Graduates.

13. **Seminar.**—Hours and credits to be arranged.

Original investigations and preparations of scientific papers on special Farm Management problems.

14. **Accredited Relationship With Farmers.**—Any graduate of the College who has completed all undergraduate Farm Management courses and who has had at least one year's actual farm experience,

and who desires to secure more comprehensive training and experience, may arrange to work a year with successful progressive Mississippi farmers, for which he will be granted one-half year's credit toward a master's degree. The keeping of accurate data of the farm operations for the year and farms selected must be approved by the Department of Agricultural Economics before the work begins.

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## AGRICULTURAL ENGINEERING.

Professor Gross; Associate Professor Cottrell; Mr. Howell; Mr. Brumby; Mr. Weaver; Mr. McAlister.

A. **Farm Mathematics.**—Three lectures. Fall semester. Required first year Two-Year Agriculture. Mr. McAlister.

Problems such as the farmer is likely to meet.

B. **Farm Machinery.**—One lecture. Four hours laboratory. Fall semester. Required first year Two-Year Agriculture. Mr. McAlister.

A study of the common farm machines; tillage, seeding, harvesting, haying machinery, etc.

C. **Farm Drainage.**—One lecture. Four hours laboratory. Fall semester. Required second year Two-Year Agriculture. Mr. Weaver.

Simple forms of land drainage and terracing. The use of the level, tape and rod.

D. **Farm Engines and Tractors.**—One lecture. Four hours laboratory. Spring semester. Required second year Two-Year Agriculture. Mr. Howell.

An elementary study of the gas engine and tractor as used on the farm.

1. **Farm Mechanics.**—One lecture. Two hours laboratory. Each semester. (2). Required Freshman Agriculture. Mr. McAlister.

A practical study of rope tying and splicing, belt lacing, repair of harness, sewing and riveting, soldering, pipe fitting, home conveniences, etc.

2. **Farm Machinery** (Prerequisite, Physics 1.)—One lecture. Four hours laboratory. Each semester. (3). Required Sophomore Agriculture and Technical Agricultural Engineering Juniors. Mr. Weaver.

Use and adjustment of the latest improved machinery for the farm; tillage, seeding, harvesting, threshing, grinding, pumping and other farm machinery.

3. **Agricultural Surveying and Drainage** (Prerequisite, Mathematical Syllabus).—One lecture. Four hours laboratory. Each semester. (3.) Required Technical and Non-Technical Agricultural Engineering Seniors, Agricultural Education Seniors. Mr. Weaver.

Surveying small areas with tape, level and rod. Computation of areas, topographic mapping, laying tile and terracing.

4. **Farm Buildings.**—Two lectures. Four hours laboratory. Spring semester. (4.) Required of Technical and Non-Technical Agricultural Engineering Seniors. Mr. Weaver.

A study of farm buildings as to location, arrangement, structure, lighting, ventilation and design.

5. Farm Concrete.—One lecture. Two hours laboratory. Each semester. (2). Required of Technical and Non-Technical Agricultural Engineering Juniors. Mr. McAlister.

A working knowledge of mixing, placing and curing concrete. Selections of materials and a study of mixtures.

Text: Farm Concrete, Ekblaw.

6. Farm Motors (Prerequisite, Physics 1 or 2 and 3.)—Two lectures. Two hours laboratory. Each semester. (3). Required General Agricultural Seniors, Technical and Non-Technical Agricultural Engineering Juniors, Horticultural Seniors, Agronomy Seniors.
Mr. Howell.

Theory and operation of motors on the farm with special emphasis on the gas engine.

Text: Farm Gas Engines, by Hershfeld & Ulbrecht.

7. Advanced Farm Motors (Prerequisite, Agricultural Engineering 6.)—One lecture. Five hours laboratory. Each semester. (3). Required of Technical Agricultural Engineering Seniors. Mr. Howell.

A continuation of the study of Farm Motors with a view to working out some problem, test or the like.

Text: Gas Engine Ignition Systems, by Norris, Wimming and Weaver.

8. Tractors (Prerequisite, Agricultural Engineering, 6.)—One hour lecture. Four hours laboratory. Each semester (3). Required of Technical and Non-Technical Agricultural Engineering Juniors, Agronomy Seniors. Mr. Howell.

A study of the tractor as used on the farm. Its operation, care and repair.

9. Rural Highways.—One lecture. Two hours laboratory. Spring semester. (2.) Elective. Mr. Gross.

A study of rural roads as to construction and maintenance.

10. Advanced Farm Machinery (Prerequisite, Agricultural Engineering, 11, 15, 17.)—One lecture. Four hours laboratory. Each semester. (3). Required of Non-Technical Agricultural Engineering Seniors. Mr. Gross.

Advanced study of farm machinery, going into a comparative study and tests of machines.

11. Thesis (Prerequisite, Agricultural Engineering, 2, 3, 6.)——Each semester. (3 to 5). Mr. Gross.

The result of special investigation work done by the student.

12. Research (Prerequisite, Agricultural Engineering, 2, 3, 6.)—Each semester. (3 to 5.) Mr. Gross.

A problem in any subject in Agricultural Engineering which the student is qualified to undertake.

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## AGRONOMY.

Professor Robert; Associate Professor Burg; Mr. Cork; Mr. Gracy; Mr. Bedenbaugh.

1. Soils.—Two lectures. Two hours laboratory. Spring semester. (3). Required Agricultural Freshmen.

A non-technical, general course; proper care and management of the soils in their relation to fertility and crop production.

A. Soils.—Two lectures. Two hours laboratory. Spring semester. Required second year two-year students.

Similar to Course 1.

2. Crops.—Two lectures. Two hours laboratory. Fall semester. (3). Required of Agricultural Freshmen.

Modern methods of selecting, planting, cultivating and harvesting common field and forage crops.

B. Crops.—Two lectures. Two hours laboratory. Fall semester. Required of first year two-year students.

Similar to Course 1.

3. Soil Management (Prerequisites, Agronomy and Chemistry (Inorganic).)—Two lectures. Two hours laboratory. Spring semester. (3). Required of Agricultural Juniors.

More detailed than Course 1; soil fertility problems based on chemical, physical, and biological properties of the soil.

4. Forage Crops (Prerequisites, Agronomy 1 and 2.)—Two recitations. Two hours laboratory. Fall semester. (3). Required of Agronomy, Animal Husbandry, Dairy Husbandry, Agricultural Education and Horticultural Seniors, elective for others.

Forage plants of economic importance, adapted to our soil and climatic conditions.

5. Soil Fertility and Permanent Agriculture (Prerequisites, Agronomy 1 and 3.)—Two lectures. Two hours laboratory. Spring semester. (3.) Required of Agronomy Seniors, elective for others.

Advanced course; studied in light of modern theories of soil fertility and recent Experiment Station records.

6. Fiber Crops (Prerequisite, Agronomy 2.)—Three lectures. Fall semester. (3.) Required of Agronomy Seniors, elective for others.

Cotton, wool, silk, hemp, flax and a few other of our fibre plants. Special attention to varieties of cotton and best methods of its planting, cultivating and harvesting.

7. Cotton Classing.—One lecture. Four laboratory periods. Spring semester. (3). Required Agronomy Seniors, elective for others.

Given each year by an expert cotton classer. It includes the market classes of cotton and thoroughly familiarizes the student with the market grades. Various types of long and short staple are studied in detail. Continued practice in cotton classing enables the careful student to become expert.

8. Genetics (Prerequisite, Agronomy 1 and 2.)—Three lectures. Spring semester. (3.) Required of Agronomy Juniors, elective for others.

Current theories accounting for resemblances and differences seen in plants and animals related by descent.

9. Plant Breeding (Prerequisites, Agronomy 1 and 2 and 8.)—Two lectures. Two laboratory periods. Spring semester (3). Required Agronomy Seniors, elective for others.

Modern methods of improving farm crops.

10. Farm Manures (Prerequisites, Agronomy 1 and 2.)—Three lectures. Fall Semester. (3). Elective for all Agricultural students.

An exhaustive study of home grown and commercial fertilizers designed to aid the practical farmer.

11. **Grain Crops** (Prerequisites, Agronomy 2 and 4.)—Three lectures. Fall semester. (3).

Common cereals. Proper preparation of the root zone and the selection, planting, fertilizing, cultivating, harvesting and storing of corn, oats and the sorghums.

C. **First Principles of Soil Fertility.**—Three lectures. Spring semester. Required of first year two-year students.

An elementary treatise on basic principles of soil management.

D. **Meadow and Pasture Plants.**—Three lectures. Fall semester. Required second year two-year students.

Common forage crops and best methods of using them.

14. **Soil Syllabus.**—Three lectures. Fall semester. (3). Required of Agricultural Engineering students in Engineering School.

A compendium designed to give a brief summary of basic facts concerning farm soils that will be of economic value to the agricultural engineer.

15. **Research.**—Credits to be arranged with students pursuing postgraduate work. Twenty-eight semester hours work and submission of a creditable thesis on subject of research is required. Those doing their minor work in Agronomy will have to secure fourteen semester credits. The subject of research will be some phase of a problem in Soils or Crops.

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## ANIMAL HUSBANDRY.

Professor Barnett; Assistant Professor McCluer.

1. **Elementary Live Stock Judging.**—One lecture. Four hours laboratory. Either semester. (3). Required of Agricultural Freshmen. Mr. Barnett, Mr. McCluer.

Principles involved in the selection of farm animals and the use of the score card in judging all classes of farm animals.

2. **Types and Breeds of Live Stock** (Prerequisite, Course 1.)—Three hours lecture. Spring semester. (3). Required of Agricultural Sophomores. Mr. Barnett.

Origin and history of the various types and breeds of farm animals with special emphasis on breed characteristics and adaptability.

3. **Feeds and Feeding.**—Two lectures. Two hours laboratory. Fall semester for Animal Husbandry Juniors; spring semester for all other Agricultural Juniors, except for Horticultural and Agronomy, and for Technical Agricultural Engineering Juniors. (3). Mr. Barnett. Mr. McCluer.

Composition of feed stuffs; the varying requirements of each class of farm animals, and the factors that determine the relative value of feed stuffs.

4. **Beef Production** (Prerequistes, Courses 1, 2 and 3.)—Two lectures. Two hours laboratory. Spring semester. (3). Required of Animal Husbandry Juniors and General Agricultural Seniors. Mr. Barnett.

Feeding and development of pure-bred beef cattle, the development of feeders and stockers and the fitting of beef cattle for the market and show purposes.

5. **Advanced Live-Stock Judging** (Prerequisites, Courses 1 and 2.)—One lecture, four hours laboratory. Spring semester. (3). Required of Animal Husbandry Juniors. Mr. Barnett.

Proper selection of animals with reference to conformation, quality, condition and breed characteristics and to judge at county fairs. Besides utilizing animals kept at the College Farm, nearby stock farms will be visited.

6. **Principles of Breeding** (Prerequisites, Courses 1 and 2.)—Two lectures. Two hours laboratory. Fall semester. (3). Required of Animal Husbandry Seniors. Mr. Barnett.

A study of the development of the animal germ cells; the factors influencing the development of the embryo, sterility and barrenness; and the relative value of the various breeding methods such as grading, line-breeding and in-breeding.

7. **Pork Production** (Prerequisites, Courses 1, 2 and 3.)—Two lectures. Two hours laboratory. Spring semester. (3). Required of Animal Husbandry Seniors. Mr. Barnett, Mr. McCluer.

Breeding, feeding and general management of hogs, either as pure-breds or for the market.

8. **Horse and Mule Production** (Prerequisites, Courses 1, 2 and 3.)—Two lectures. Two hours laboratory. Spring semester. (3). Required of Animal Husbandry Seniors. Mr. Barnett.

Relative value of the horse and mule on the farm, and the production, feeding and development of horses and mules with special reference to Southern conditions.

A. **Breeds and Classes of Live Stock.**—Two lectures. Two hours laboratory. Fall semester. Required of first year students in the Agricultural Short course. Mr. McCluer.

Similar to Courses 1 and 2, but adapted to Short Course students.

B. **Feeding Farm Animals.**—Two lectures and two hours laboratory. Fall semester. Required of second year students in Agricultural Short course. Mr. McCluer.

Similar to Course 3, but adapted to Short Course Students.

C. **Breeding and Handling of Farm Animals** (Prerequisite Courses 9 and 10.)—Two lectures. Two hours laboratory. Spring semester. Required of second year students in Agricultural Short course. Mr. McCluer.

An elementary course in the methods of breeding and handling farm animals adapted to the Short Course Students.

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## ARCHITECTURAL ENGINEERING AND DRAWING.

Professor Freeman; Assistant Professor Gotschall.

2-4. **Architectural Design** (Prerequisite, Drawing 32.)—Eight hours laboratory. Fall and Spring semesters. (4), (4). Required Architectural Engineering Juniors. Professor Freeman.

Character and general proportions of the classical orders; shades,

shadows and perspective drawings. Problems in planning of buildings in design, in plan, section, and elevation.

6-8. **Advanced Architectural Design** (Prerequisite Architecture 2-4.)—Four hours laboratory. Fall and Spring semesters. (2), (2). Required Architectural Engineering Seniors. Professor Freeman.

Large structures and group plans. Special designs requiring original work.

1-3. **History of Architecture.**—Three recitations. Fall and Spring semesters. (3), (3). Required of Architectural Engineering Juniors. Professor Freeman.

Architectural development from the dawn of civilization up to and including modern times, stressed from the cultural as well as the professional standpoint.

10-12. **Charcoal Drawing.**—Two hours laboratory. Fall and spring semesters. (1), (1). Required of Architectural Engineering Juniors. Professor Freeman.

Drawings from casts of sculpture and architectural features.

14-16. **Antique Drawing** (Prerequisite, Architecture 10-12.)—Two hours laboratory. Fall and Spring semesters. (1), (1). Required of Architectural Engineering Seniors. Professor Freeman.

Drawing from antique casts and the full length figure, also from life.

18. **Pen and Ink Rendering.**—Two hours laboratory. Spring semester. (1). Required of Architectural Engineering Juniors. Professor Freeman.

Simple form, studying mass and proportions, making architectural sketches.

20-22. **Advanced Pen and Ink Rendering** (Prerequisite, Architecture 18.)—Two hours laboratory. Fall and Spring semesters. (1), (1). Required of Architectural Engineering Seniors. Professor Freeman.

Composition and presentation are considered. Drawings by recognized masters are studied and copied to familiarize the student with good technique and style. Photographs are used.

24. **Water Color Painting.**—Two hours laboratory. Spring semester. (1). Required of Architectural Engineering Juniors. Professor Freeman.

Wash drawings from still-life models. Color harmonies and color mixing.

26. **Advanced Water Color Painting** (Prerequisite, Architecture 24.)—Two hours laboratory. Spring semester. (1). Required of Architectural Engineering Seniors. Professor Freeman.

Sketches and drawings from objects, photographs, architectural details and nature. Architectural perspectives rendered in water color.

5. **History of Art.**—Three recitations. Fall semester. (3). Required of Architectural Engineering Seniors. Professor Freeman.

Relation of Architecture to Painting and Sculpture; history during various ages, with the assistance of photographs and slides.

7. **Building Construction; Masonry.**—Two recitations. Fall semester. (2). Required of Architectural Engineering Seniors. Assistant Professor Gotschall.

Materials and processes of masonry used in buildings.

9. **Building Construction; Carpentry.**—Two recitations. Spring semester. (2). Required of Architectural Engineering Seniors. Assistant Professor Gotschall.

Carpentry construction used in buildings. The frame house, floors, partitions, roofs, interior finish, etc.

30. **Mechanical Sketching.**—Six hours laboratory. Fall semester. (3). Required of Engineering Freshmen. Assistant Professor Gotschall.

To train the eye to see correctly and observe closely; to train the hand for easy and precise manipulation. Simple outline drawing, shades, shadows and perspective. Sketching mechanical details. Special practice in free-hand lettering.

32. **Mechanical Drawing** (Prerequisite, Drawing 30.)—Six hours laboratory. Spring semester. (3). Required of Engineering Freshmen. Assistant Professor Gotschall.

Use of drawing instruments, geometrical constructions, orthographic projection, development of surfaces and intersections.

36. **Mechanical Drawing** (Prerequisite, Drawing 30-32.)—Four hours laboratory. Fall semester. (2.) Required of Engineering Sophomores. Professor Freeman.

Isometric, oblique and cabinet projection. Forms of threads, standard bolts, projection of machine parts, etc.

38. **Machine Drawing** (Prerequisite, Drawing 36.)—Four hours laboratory. Spring semester. (2). Required of Engineering Sophomores. Professor Freeman.

Correct methods of making working drawings of machinery, both assembly and detail. All dimensions are checked to give the student the proper appreciation of accuracy.

42. **Blackboard Illustrating.**—Six hours laboratory. Fall semester. (3). Elective. Assistant Professor Gotschall.

Designed to increase the efficiency of teachers in demonstrating their work. Principles used by the best draughtsmen in engineering work, to enable the student to acquire sufficient technique for accuracy and neatness without wasting time. Lettering is stressed.

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## BACTERIOLOGY.

Professor Briscoe, Associate Professor Harned.

1. **Beginning General Bacteriology** (Prerequisite, one semester in Botany or Zoology and one in Chemistry.)—Two lectures. Two hours laboratory. Fall and Spring semesters. (3). Required of all Agricultural Juniors, and Science Sophomores. Professors Briscoe and Harned.

Type forms of non-pathogenic bacteria; bacteriological technique.

2. **Advanced General Bacteriology** (Prerequisite, Bacteriology 1.) One lecture. Four hours laboratory. Spring semester. (3.) Professors Briscoe and Harned.

Test work and special staining.

3. **Dairy Bacteriology** (Prerequisite, Bacteriology 1.)—Two lectures. Two laboratory hours. Spring semester. (3). Required of Dairy Juniors. Professor Harned.

Bacteria found in milk and milk products with special emphasis on clean milk.

4. **Veterinary Bacteriology** (Prerequisite, Bacteriology 1).—Two lectures. Two hours laboratory. Fall semester. (3). Required of Animal Husbandry and elective for Dairy Seniors. Professors Briscoe and Harned.

Pathogenic microorganisms; with special emphasis on diseases of farm stock. Given also to Preparatory Medical Students.

5. **Sanitary Bacteriology** (Prerequiste, one term in Botany or Zoology.)—Two lectures. Two hours laboratory. Spring semester. (3). Elective. Professor Briscoe.

Water bacteria and sewage disposal with special reference to Sanitary Engineering.

6. **Soil Bacteriology** (Prerequisite, Bacteriology 1.)—Two lectures. Two hours laboratory. Spring semester. (3). Required of Agronomy Juniors. Professors Briscoe and Harned.

Soil bacteria with special reference to crop production and green manures.

A. **Elementary Bacteriology.**—Two lecturers. Two hours laboratory. Spring semester. Required of first year two-year Agriculture students.

An elementary course treating on bacteria, with demonstrations.

7. **Household Bacteriology.**—Twelve lectures given on the bacteriology of the household. Special attention is given to bacteria of flies, filth, food and water. Summer School. (1). Elective. Professor Briscoe.

8. **Graduate Work.**—Hours and credits arranged with each student individually. Fall and Spring semester. Laboratories open from 8:00 a. m. to 5:00 p. m. Professor Briscoe.

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## BOTANY AND FORESTRY.

Professor Beal; Associate Professor McKee; Mr. Pessin.

1-2. **General Botany.**—Two lectures. Four hours laboratory. Throughout the year. (4), (4). Required of Freshmen in Agriculture and Science. Professor Beal, Mr. McKee, Mr. Pessin.

Designed to give a general knowledge of the elementary facts and fundamental principles of Botany, and to supply the foundation upon which subsequent courses in this department are built, as well as to give the basic facts upon which rest certain phases of applied botany, such as agronomy, horticulture, plant pathology, etc. First semester: the gross and microscopical structure of roots, stems, leaves, flowers, and fruits of flowering plants, with emphasis on the physiological and growth processes of plant life. Second semester: general morphology of algæ, fungi, liverworts, mosses, ferns, and seed plants, using selected representatives as types in both lecture and laboratory work. Special emphasis will be laid upon nutrition, reproduction, life history, and evolution of those forms which are of both scientific and

economic importance. When dealing with the fungi some idea will be given of their relation to plant diseases. About fifty common flowering plants are collected and identified in the spring.

3. **Plant Diseases** (Prerequisite, Botany 1 and 2.)—One lecture. Four hours laboratory. Fall semester. (3). Required of Juniors in Agricultural Education, Agronomy, General Agriculture and Horticulture. Professor Beal.

The more important plant diseases with special emphasis upon those which affect the crop plants of the South. Symptoms exhibited by the host plant, the casual organism with particular reference to its reproduction, and control measures.

4. **Advanced Plant Diseases** (Prerequisite, Botany 3.)—One lecture. Four hours laboratory. Spring semester. (3). Professor Beal.

A continuation of Course 3, but more technical in character. Emphasis is placed on the literature dealing with the subject and on methods of isolating and growing pathogenic fungi under laboratory conditions.

5. **Farm Forestry** (Prerequisites, Botany 1 and 2.)—Two lectures. Two hours laboratory. Fall semester. (3.) Mr. Pessin.

Relation of forestry to agriculture. The farm wood-lot; collection and planting of forest seeds; tree planting for timber; preservative treatment of timbers and posts; importance of the forest industries of the State and Nation.

6. **Ecology of Plants** (Prerequisites, Botany 1 and 2.)—One lecture. Four hours laboratory. Fall semester. (3). Professor Beal.

Effects of environment upon plant growth; effects of soil, moisture, heat, altitude, latitude, and plant associations on the form, structure, and usefulness of the individual plant.

7. **Taxonomy of the Spermatophytes** (Prerequisites, Botany 1 and 2.)—One lecture. Four hours laboratory. Spring semester. (3). Professor Beal and Mr. McKee.

Seed plants with reference to morphology, habitat, identification, and range of species, and with special reference to local flora.

8. **Dendrology** (Prerequisite, Botany 5.)—One lecture. Four hours laboratory. Spring semester. (3). Mr. Pessin.

A biological and taxonomic study of trees and shrubs, native and cultivated.

9. **Cytology and Embryology** Prerequisites, Botany 1 and 2.)—One lecture. Four hours laboratory. Spring semester. (3.) Professor Beal.

The vegetable cell, its multiplication and contents; practical application of modern methods in a study of nuclear and cell division. Embryology of angiosperms; introduction to methods of investigation.

10. **Histology** (Prerequisites, Botany 1 and 2.)—One lecture. Four hours laboratory. First semester. (3.) Professor Beal.

Structure and development of the tissues of higher plants.

11. **Weeds** (Prerequisites, Botany 1 and 2.)—One lecture. Two hours laboratory. Spring semester. (2.) Professor Beal.

Important farm and garden weeds occurring in Mississippi; methods of introduction, and means of control.

A. **Agricultural Botany.**—Two lectures. Two hours laboratory.

Spring semester. Required the first year in the two-year course in Agriculture. Mr. Pessin.

A brief course for students who have not had the advantages of high school training and who expect to engage in farming.

**Advanced Work in Botany.**—In addition to the courses offered above to undergraduate students, the Department offers more advanced work, as a major or minor, leading to the degree of M. Sc. The nature and scope of the work will be arranged by special consultation with the student.

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## CHEMISTRY.

Professor Hand; Professor Smith; Associate Professor Carroll; Assistant Professor Thrunn.

1-2. **General Inorganic Chemistry** (Prerequisite, high school physics.)—Three lectures. Four hours laboratory. Both semesters. (5), (5). Required of Agriculture, Engineering and Science students second year.

Development of a clear understanding of basic theories, together with some knowledge of descriptive chemistry, and the practical application of the science to agriculture and the industries in general.

4. **Physical Chemistry** (Prerequisites, Chemistry 1-2).—Three lectures. One semester. (3). Required of students specializing in chemistry.

6. **Physical Chemistry Laboratory.**—Six hours laboratory. One semester. (3).

Determination of densities of gases and liquids, molecular weights, transference numbers, conductivity measurements, use of refractometer, polariscope, etc.

8. **Electro-Chemistry** (Prerequisite, Chemistry 1-2.)—Two lectures. Six hours laboratory. One semester. (5.)

Theories of electro-chemistry and its industrial applications.

10. **History of Chemistry** (Prerequisite, Chemistry 1-2.)—One lecture. One semester.

Development of theories, classical researches, and founders of chemical science.

12. **Elementary Organic Chemistry** (Prerequisite, Chemistry 1-2.)—Four lectures. Four hours laboratory. Fall semester. (6). Required third year, General Agriculture, Agricultural Engineering (Agriculture), Agronomy, Animal Husbandry, Horticulture.

A brief course in general organic chemistry with special reference to requirements of students of biology and agriculture.

14-16. **Organic Chemistry** (Prerequisite, Chemistry 1-2.)—Three lectures, six hours laboratory. Both semesters. (6), (6).

A systematic study; preparation of pure inorganic compounds.

18. **Advanced Organic Chemistry** (Prerequisite, Chemistry 16.)—Three lectures. One semester. (3.)

Special topics in organic chemistry.

20. **Advanced Organic Preparations** (Prerequisite, Chemistry 16.)—Six to twelve hours laboratory. Summer or one semester. (3 to 6.)

22. **Organic Analysis** (Prerequisite, Chemistry 16.)—Six hours laboratory. One semester. (3.)

Elementary analysis of organic compounds.

24. **Elementary Qualitative Analysis** (Prerequisite, Chemistry 1-2.)—One lecture. Four hours laboratory.) One semester. (3).

26. **Advanced Qualitative Analysis** (Prerequisite, Chemistry 1-2.) —Three lectures. Six hours laboratory. One semester. (6.)

Theory and practice of qualitative analysis.

28. **Elementary Qualitative Analysis** (Prerequisite, Chemistry 24 or 26.)—Six hours laboratory. One semester. (3).

30. **Quantitative Analysis** (Prerequisite, Chemistry 24 or 26.)—Two lectures. Eight hours laboratory. One semester. (6).

For students specializing in chemistry. Use of balance, calibration of volumetric apparatus, volumetric and gravimetric determinations.

32. **Advanced Quantitative Analysis** (Prerequisite, Chemistry 30.)—Ten hours laboratory. One semester. (5.)

34, **Toxicology** (Prerequisite, Chemistry 24 or 26.)—Six hours laboratory. One semester. (3.)

General practice in the detection of organic and inorganic poisons in animal tissue.

36. **Chemical Calculations** (Prerequisite, Chemistry 28.)—One lecture. One semester. (1.)

Calculations in quantitative analysis.

38. **Agricultural Analysis** (Prerequisite, Chemistry 1-2.)—One lecture. Six hours laboratory. One semester. (3.) Elective, Agriculture.

Analysis of soils, fertilizers, and agricultural products.

40. **Insecticides and Fungicides** (Prerequisite, Chemistry 14.)—One lecture. Six hours laboratory. One semester. (3.) Elective, Agriculture.

Chemistry, manufacture, and analysis of important insecticides and fungicides.

42. **Dairy Chemistry** (Prerequisite, Chemistry 14.)—One lecture. Four hours laboratory. One semester. (3.) Elective, Agriculture.

Composition of dairy products. Standards and definitions, and general examination and analysis.

44. **Industrial Chemistry** (Prerequisite, Chemistry 1-2.)—Three lectures. One semester. (3.)

46. **Fuel Analysis and Calorimetry** (Prerequisite, Chemistry 1-2.) —Six hours laboratory. One semester. (3.)

Methods and practice in analysis of fuels and determinations of calorific value.

48. **Technical Analysis** (Prerequisite, Chemistry 1-2.)—One lecture. Six hours laboratory. One semester. (3.) Required of Mechanical Engineering Seniors.

Analysis of fuel and flue gases. Gas calorimetry. Examination of lubricants and boiler waters, boiler scale, etc.

50. **Metallurgical Analysis** (Prerequisite, Chemistry 1-2.)—One lecture. Six hours laboratory. One or two semesters. (3) or (6). Elective, Engineers.

Methods and practice in analysis of ores, slag, cast iron, wrought iron, and steels.

A. **Elementary Agricultural Chemistry.**—Four lectures. Four hours laboratory. Fall semester. Required second year in two-year course in Agriculture.

General chemistry with special reference to the needs of students of elementary agriculture.

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## CIVIL ENGINEERING.

Professor Gladney; Assistant Professor VanSickler.

1. **Plane Surveying** (Prerequisite, Mathematics 4.)—Two recitations, two hours laboratory. Spring semester. (3). Required of all Sophomore Engineers. Prof. VanSickler.

The ordinary methods of plane, topographic, and land surveying, covering use of instruments, field methods, etc.

2. **Surveying** (Prerequisite, Civil Engineering 1.)—Three recitations, eight hours laboratory. Fall semester. (7.) Required of Civil Engineering Juniors. Prof. Gladney.

Continuation of Civil Engineering 1; field and office practice in the use and adjustment of instruments, computations, mapping, etc., together with a study of the geometry of curves, railroad location and surveying, and the computation of earthwork.

3. **Advanced Surveying** (Prerequisite, Civil Engineering 2.)—One recitation, four hours laboratory. Spring semester. (3.) Required of Civil Engineering Juniors. Prof. Gladney.

Continuation of Civil Engineering 2. Economics of surveying, triangulation, and the astronomical essentials underlying the determination of latitude and the meridian.

4. **Mechanics** (Prerequisites, Mathematics 4, Physics 3-4.)—Three recitations. Fall semester. (3.) Required of Civil Engineering, Architectural Engineering and Technical Agricultural Engineering Juniors. Prof. VanSickler.

An intensive study of statics, covering composition and resolution of forces, principles of equilibrium (analytical and graphical), friction, center of gravity, etc.

5. **Highway Engineering** (Prerequisite, Civil Engineering 1.)—Two recitations. Fall semester. (2.) Required of Civil Engineering Juniors and Technical Agricultural Engineering Seniors. Prof. VanSickler.

Brief history of highway building and a study of the construction and maintenance of the various types of roads and pavements.

6. **Highway Design** (Prerequisite, Civil Engineering 5.)—Three recitations. Spring semester. (3.) Required of Civil Engineering Juniors not taking Military, or Heat Engines (Mechanical Engineering.) Prof. VanSickler.

The economics of highway design; all factors entering into the selection of type, financing, and maintenance of country roads and city pavements; together with the actual design of a stretch of road.

7. **Mechanics of Materials** (Prerequisites, Mathematics 6-7.)—Three recitations. Fall semester. (3.) Required of all Engineering Seniors, except Industrial Education. Prof. Gladney.

Strength and elastic properties of materials used in engineering construction. Strength and design of riveted joints, pipes, shafts, beams, etc., under load.

8. **Mechanics of Materials** (Prerequisite, Civil Engineering 7.)—Three recitations. Spring semester. (3.) Required of Civil Engineering Seniors. Prof. Gladney.

Continuation of Civil Engineering 7, taking up a further study of beams, columns, and arches.

9. **Hydraulics** (Prerequisites, Civil Engineering 4, Mathematics 6, Registration in Mathematics 7.)—Three recitations, two hours laboratory. Spring semester. (4.) Required of Civil Engineering and Technical Agricultural Engineering Juniors. Prof. VanSickler.

Theory concerning water pressures upon dams, flow of water through orifices, nozzles, pipes, channels, etc., and the practical application of these phenomena to land drainage and the development of power projects.

10. **Hydraulic Machinery** (Prerequisite, Civil Engineering 9.)—Three recitations. Fall semester. (3.) Elective for Civil Engineering Seniors. Prof. VanSickler.

Theory; design and operation of power plants, etc.

11. **Sanitary Engineering** (Prerequisite, Registration in Civil Engineering 9.)—Three recitations. Spring semester. (3.) Required of Civil Engineering Juniors. Prof. Gladney.

A study of preliminary investigations necessary for the design and operation of sewage disposal plants.

12. **Water Supply Engineering** (Prerequisite, Civil Engineering 11.)—Two recitations. Fall semester. (2.) Required of Civil Engineering Seniors. Prof. Gladney.

Factors governing the design, construction, and operation of public water supplies for domestic and industrial use, including methods of purification.

13. **Reinforced Concrete.**—Prerequisite, Civil Engineering 7.)—Two recitations, three hours laboratory. Spring semester. (3½.) Required of Civil Engineering Seniors. Prof. Gladney.

Properties of materials used in concrete construction; design of reinforced concrete beams and slabs.

14. **Masonry Construction** (Prerequisite, Civil Engineering 7.)—Three recitations. Spring semester. (3.) Elective for Civil Engineering Seniors. Prof. Gladney.

Properties of materials in common use in masonry construction; principles of foundation and retaining wall design.

15. **Bridge Stresses** (Prerequisites, Civil Engineering 4, Registration in Civil Engineering 7.)—Three recitations. Four hours laboratory. Fall semester. (5.) Required of Civil Engineering Seniors. Prof. VanSickler.

Complete analytical and graphical analysis of stresses, due to dead and applied loads, in all types of simple bridge trusses.

16. **Bridge Design** (Prerequisite, Civil Engineering 15.)—Two recitations. Spring semester. (2.) Required of Civil Engineering Seniors. Prof. VanSickler.

Theory concerning the assumption of loads, selection of type, etc., and a study of modern practice in the construction, erection, and maintenance of railway and highway bridges.

17-18. **Structural Design** (Prerequisites, Civil Engineering 4, Registration in Civil Engineering 7.)—Seven hours laboratory. Fall semester. (3½.) Nine hours laboratory. Spring semester. (4½.) Required of Civil Engineering Seniors. Prof. VanSickler.

1. Graphic and analytical study of the different phases of the design of beams, trusses, girders, etc., both in wood and steel.

2. The broader aspects of designing, the economics of building construction, etc., including the complete design of at least one industrial structure.

19-20. **Structural Design** (Prerequisites, Civil Engineering 4, Registration in Civil Engineering 7.)—Six hours laboratory. Fall semester. (3.) Six hours laboratory. Spring semester. (3.) Required of Architectural Engineering Seniors. Same as Civil Engineering 17-18, except for hours. Prof. VanSickler.

21. **Contracts and Specifications.**—Three recitations. Fall semester. (3.) Required of Civil Engineering Juniors not taking Military. Prof. Gladney.

Laws pertaining to contracts, writing of contracts, and the preparation of specifications. Business considerations affecting engineering construction. A study of specific types of specifications.

22. **Concrete Construction** (Prerequisite, Civil Engineering 7.)—(2-2.) Spring semester. (3.) same as Civil Engineering 13, except for hours. Required of Technical Agricultural Engineering Seniors. Prof. Gladney.

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## COMMERCE AND INDUSTRY.

Professor Bowen; Associate Professor Ham; Mr. Kerr; Miss Curry.

1. **Salesmanship.**—Three recitations. Fall semester. (3.) Required first year Business. Mr. Kerr.

Fundamental principles underlying the selling process; personality; efficiency; methods. The service idea in business.

2. **Retail Store Management.**—Three recitations. Spring semester. (3.) Required first year Business. Mr. Kerr.

Methods of organization, selection of location, buying, stockkeeping, testing, pricing, handling of employees, sales methods and policies.

3-4. **Business Law.**—Four recitations. Both semesters. (4.) (4.) Required second year Business. Mr. Kerr.

To give business men a business man's knowledge of the legal principles underlying all business, that he may recognize dangers and know when he should seek legal advice.

Fall semester: Principles governing the more common business

transactions, with special reference to the requirements for a binding contract; sales, agency. Spring semester: Negotiable instruments, bailments, partnership, etc.

5. **Credits and Collections.**—Three recitations. Spring semester. (3.) Required second year Business. Mr. Kerr.

6. **Business Finance.**—Three recitations. Fall semester. (3.) Required third year Business. Mr. Bowen.

Organization and reorganization of partnerships and corporations; securing of funds; principles governing issuance and classes of securities; finding a market for securities.

7. **Investment** (Prerequisite, Commerce 6.)—Three recitations. Spring semester. (3.) Required third year business. Mr. Bowen.

Mechanism, types and tests of investment, public and private securities; investment markets; factors governing prices; financial news and sources of information. The student will be required to follow market quotations daily, and chart the fluctuations of several stocks and commodities, interpreting the financial conditions as they arise day by day.

8. **Industrial Organization and Management.**—Three recitations. Fall semester. (3.) Mr. Ham.

Scientific method of treating a problem, the launching of an enterprise, location, buildings, layout and sequence, administration, employment problems, wage systems, welfare work, distributive methods, etc.

9. **Business Ethics.**—Three recitations. Fall semester. (3.) Required third year Business. Mr. Bowen.

Present day problems facing the business man.

10. **Office Management.**—Three recitations. Spring semester. (3.) Mr. Ham.

The office manager; office organization; location; layout and flow of work; labor-saving devices; measure of work done; complaints; sales management; selection and education of employees.

11. **Foreign Trade.**—Three recitations. Fall semester. (3). Mr. Kerr.

The movement of trade; ocean traffic and rates; foreign exchange; selling organization, credit, etc.

12. **Fire Insurance.**—Three recitations. Fall semester. (3.) Mr. Kerr.

A course for business men, paying particular attention to details of the policy contract.

13. **Life Insurance.**—Three recitations. Spring semester. (3.) Mr. Kerr.

14. **Real Estate.**—Three recitations. Spring semester. (3.) Mr. Bowen.

15. **Business Clubs.**—Three recitations. Fall semester. (3.) Mr. Bowen.

Chambers of commerce, their organization and operation, secretarial duties, membership campaigns, community building, trade extension.

16. **C. P. A. Law Cases** (Prerequisite, Commerce 3, 4.)—Three lectures. Spring semester. (3.) Mr. Bowen.

17. **Transportation.**—Three recitations. Spring semester. (3.) Mr. Kerr.

Railway organization, rates, government regulations, operation; station office practice.

18. **Executive Control and Personal Efficiency.**—Three recitations. Spring semester. (3.) Mr. Bowen.

A study of successful executives, their methods of controlling their own activities; management of subordinates, the use of suggestion; character reading.

19. **Mississippi Statutes.**—Three recitations. Fall semester. (3.) Mr. Bowen.

Those State laws of interest to the business man and the farmer.

41. **Elementary Accounting.**—One recitation. Six hours laboratory. Fall semester. Repeated spring. (4.) Required first year Business. Mr. Ham and Mr. Kerr.

Business papers and analysis of business transactions on the basis of the principles of double entry bookkeeping. Particular attention is given to the construction of periodical business statements; adjustment for such items as deferred charges and credits; classification of accounts; closing the ledger.

42. **Accounting** (Prerequisite, Course 41, or equivalent.)Four recitations. Spring semester. (4.) Required first year Business. Mr. Ham.

Construction and interpretation of working, income, and balance sheets; controlling accounts, consignments; partnership questions, illustrated by use of problems. For Corporation Accounting see Course 43.

43. **Advanced Accounting** (Prerequisite, Courses 41 and 42.)—Three recitations. Fall semester. (3.) Required second year Business. Mr. Ham.

Corporation accounting; capital stock, surplus, reserves, liabilities, profit and its distribution, principles of valuation, depreciation policies and methods, investments and their valuation, intangible assets, sinking funds, liquidation, combinations and consolidations, branch house accounting, reports of receivers and trustees, etc.

44. **Cost Accounting** (Prerequisite, Courses 41 and 42.)—One recitation. Four hours laboratory. Spring semester. (3.) Mr. Ham.

Instruction and practice which will enable the management of any manufacturing enterprise to ascertain the cost of each unit of its product, and the resulting profit or loss on each article, job, contract, line of product, operating department, or process. Various methods of distributing indirect expenses to specific products are considered. The student is taught how to unify the cost system with the general accounting system. Both text and set are used for theory and practice.

45. **Auditing and Special Accounting Systems** (Prerequisite, Course 43.)—Three recitations. Fall semester. (3.) Mr. Ham.

Auditing and investigation procedure, and technical accounting problems selected from C. P. A. examination questions, are given primary attention. Each student will be required, during the semester, to prepare a special system of accounts for a particular line of business or an office of a professional man.

46. **Public Utilities Accounting.**—Three recitations. Fall semester. (3.) Mr. Ham.

47. **Municipal and Institutional Accounting** (Prerequisite, Course 43.)—Three recitations. Spring semester. (3.) Mr. Ham.

Municipal finance, budget making and method of accounting; methods of accounting for such public and semi-private institutions as hospital and educational institutions.

48. **Practical Banking** (Prerequisites, Courses 41 and 42.)—One lecture. Four laboratory periods. Fall semester. (3.) Mr. Kerr.

61-62. **Shorthand and Typewriting.**—Four recitations. Four hours laboratory. Fall semester. (6.) Five lectures. Two hours laboratory. Spring semester. (6.) Miss Curry.

Gregg system is used. Touch typewriting with special attention both to technique and speed.

63. **Speed Dictation.**—One recitation. Four hours laboratory. Fall semester. (3.) Miss Curry.

64. **Office Practice.**—Six hours laboratory. Spring semester. (3.) Miss Curry.

A. **Typewriting.**—Students who wish to learn touch typewriting will be accepted to the limit of the laboratory and teaching capacity. **No college credit will be given for typewriting alone.**

**Graduate Courses** in the field of Commerce will be outlined to suit the individual needs of the student.

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## DAIRY HUSBANDRY.

Professor Moore; Associate Professor Herzer.

1. **Dairy Cattle.**—Two recitations. Two hours laboratory. Fall semester. (3.) Required of Agricultural Sophomores. Prof. Moore.

Selection, feeding and management; relation of type to production; formation and improvement of herd; feeding for growth and production.

2. **Milk and Its Products.**—One recitation. Two hours laboratory. Spring semester. (2.) Required of Agricultural Sophomores. Prof. Herzer.

Milk secretion; the composition of milk and its products; testing milk and cream; the use of the lactometer; care of milk and cream on the farm; care and use of the centrifugal separator; standardization of milk and cream.

A. **Dairy Farming.**—Two recitations. Two hours laboratory. Fall semester. Required first year two-year students in Agriculture.

Selection, care, and feed of the dairy cow; raising calves for the dairy; breeds of cattle.

B. **Elementary Dairying.**—Two recitations. Two hours laboratory. Spring semeser. Required second year two-year students in Agriculture. Prof. Herzer.

Composition of milk and causes of variation; Babcock test; methods of creaming; farm separators; care of milk and cream on the farm.

5. **Milk Production** (Prerequisite, Dairy 1.)—Two recitations. Two hours laboratory. Fall and Spring semesters. (3.) Required of Juniors in Animal Husbandry, Dairy Husbandry, and Seniors in General Agriculture. Prof. Moore.

Problems of the dairy farmer; the relation of the cow and the herd to profitable milk production; comparison of feeds and rations; conditions affecting the cost and economy of production.

6. **Advanced Study of Dairy Breeds** (Prerequisites, Dairy 1 and 5.)—One lecture. Four hours laboratory. Fall semester. (3.) Required Senior Special Dairy Production Students. Prof. Moore.

History of dairy breeds; important strains or families; pedigrees; comparative judging; high production.

7. **Seminar** (Prerequisites, Dairy 1, 5 and 6.)—One lecture. Four hours laboratory. Spring semester. (3.) Required of Special Dairy Production Students. Prof. Moore.

A study of dairy literature, experiment station bulletins, and scientific reports. Each student will review carefully special assigned topics and discuss in class the results of his work.

8. **Advanced Milk Testing** (Prerequisite, Dairy 2.)—One lecture. Four hours laboratory. Spring semester. (3.) Required of Junior Special Dairy Students. Prof. Herzer.

Testing acidity of milk and cream; moisture, salt, and fat content of butter; fat content of ice cream, evaporated milk, and cheese; detection of preservatives and added color to milk; detection of oleomargarine and renovated butter; sediment tests.

9. **Creamery Buttermaking** (Prerequisite, Dairy 2.)—Two lectures. Eight hours laboratory. Fall semester. (6.) Required of Senior Special Dairy Manufacturing Students. Prof. Herzer.

History of buttermaking; care of cream on the farm; use of cream separators; construction and organization of creameries; propagation and use of starters; pasteurization of cream; manufacture of butter. The practical work enables the student to become acquainted with all the operations in a commercial plant.

10. **Ice Cream and Soft Cheese Making** (Prerequisite, Dairy 2.)—Two lectures. Two hours laboratory. Spring semester. (3.) Required of Senior Special Dairy Manufacturing Students. Prof. Herzer.

The manufacture of ice cream and ices, including the standardization of the mix, freezing, and packing the ice cream, and the study of refrigerating systems; the manufacture of pimento, cream, and cottage cheese.

11. **Dairy Technology** (Prerequisites, Dairy 2 and 8.)—Two lectures. Two hours laboratory. Spring semester. (3.) Required of Senior Special Dairy Manufacturing Students. Prof. Herzer.

An advanced study of the technical problems relating to the manufacture of dairy products.

12. **Advanced Creamery Buttermaking** (Prerequisites, Dairy 2, 8, and 9.)—Two lectures. Two hours laboratory. Spring semester. (3.) Prof. Herzer.

Creamery management; judging and scoring butter; butter defects, causes and remedies; creamery mechanics.

## ELECTRICAL ENGINEERING.

Professor Patterson; Associate Professor George; Mr. Haynen.

1. **Direct Current Machinery** (Prerequisites, Engineering Sophomore Mathematics and Physics.)—Five recitations. Two hours laboratory. Fall semester. (6.) Required of Mechanical Engineering Juniors. Prof. George and Mr. Haynen.

Theory and application of direct currents, designed for those not specializing in Electrical Engineering. The care, management, and operation of shunt and compound generators alone and in parallel, with and without storage batteries. Principles, efficiency of operation, and practical applications of compound, shunt, and series motors and control apparatus; special emphasis on the industrial application of motors and operating characteristics of electrical machines usually found in power plants.

2. **Alternating Current Machinery** (Prerequisite, Course 1.)—Four recitations. Two hours laboratory. Spring semester. (5.) Required of Mechanical Engineering Juniors.
Prof. George and Mr. Haynen.

Elementary principles of alternating currents; characteristics, regulation, and operation of alternators, synchronous motors, and transformers; induction motors and single phase commutator motors and their practical application and adaptability to shop, factory, and textile mill, with numerous practical problems.

3. **Direct Current Dynamos** (Prerequisites, Engineering Sophomore Mathematics and Physics.)—Five recitations. Two hours laboratory. Fall semester. (6.) Required of Electrical Engineering Juniors.
Prof. Patterson, Mr. George.

Theory of magnetism, electro-magnets, and magnetism of iron as applied to dynamo electrical machinery; principles underlying construction and operation of direct current dynamos used as generators and motors, including series, shunt and compound wound machines; theory of commutation, parallel operation, speed control of motors; efficiencies; characteristic curves; together with a discussion of the principles of generator and motor testing. Numerous problems.

4. **Direct Current Distribution** (Prerequisite, Course 3.)—Two recitations. Two hours laboratory. Spring semester. (3.) Required of Electrical Engineering Juniors. Prof. Patterson, Mr. George.

Applications of direct currents for the distribution of power, including a study of distribution systems of wiring, regulating apparatus, storage battery systems; principles of photometry and electric lighting. During the latter part of the semester, the laboratory course will accompany Course 5.

5. **Alternating Currents** (Prerequisite, Course 3.)—Two recitations. Spring semester. (2.) Required of Electrical Engineering Juniors. Prof. Patterson.

Theory of alternating currents studied by both graphical and analytical methods; the sine wave and its applications to electric circuits, other wave forms and quantities which affect wave forms; a study of various types of alternating current circuits containing impedances in series and parallel combinations; measurements of power in single and polyphase circuits, and theory, operation, and efficiency of the transformer.

6. **Alternating Current Generators and Motors** (Prerequisite, Course 5.)—Five recitations. Four hours laboratory. Fall semester. (7.) Required of Electrical Engineering Seniors.

Prof. Patterson, Mr. George.

Theory, construction and operation of all types of alternating current generators, induction and synchronous motors, alternating current regulators, rotary converters and applications, and of the newer types of repulsion and series alternating current motors; discussion of the methods of testing alternating current apparatus.

7, 8. **Electrical Machine Design** (Prerequisite, Course 5.)—Two recitations, Fall semester. One recitation, Spring semester. (2), (1). Required of Electrical Engineering Seniors. Prof. Patterson.

Lectures and problems on principles and design of direct current machinery and alternating current machinery and equipment, supplementary to the work in the drafting room. For drawing work accompanying, see Mechanical Engineering Courses 20 and 21.

9. **Electric Power Transmission** (Prerequisite, Course 6.)—Two recitations. Two hours laboratory. Spring semester. (3.) Required of Electrical Engineering Seniors. Prof. Patterson, Mr. George.

Generation, transmission, and distribution of electrical energy; generating apparatus in lighting and power plants; station equipment, switchboards and appliances; lightning protection and line construction, with special reference to long distance high voltage transmission lines.

10. **Electric Railways** (Prerequisite, Course 6.)—Three recitations. Spring semester. (3.) Required of Electrical Engineering Seniors. Prof. Patterson.

Apparatus, development, cost of construction and operation, traffic conditions, and train schedules.

11. **Illuminating Engineering** (Prerequisite, Engineering Physics.)—Three recitations. Spring semester. (3.) Required of Electrical Engineering Seniors, and of Architectural Engineering Juniors. Prof. George.

Lectures on electric lights and lighting systems in connection with laboratory work, using imported Lummer-Brodhun Contrast Photometer and other light measuring devices; problems in the design of industrial, office and residence lighting systems.

12. **Wiring for Light and Power** (Prerequisite, Engineering Physics.)—Three recitations. Fall semester. (3.) Elective for all Engineering Juniors. Prof. George.

"The National Electrical Code" used in connection with problems and circuits necessary for wiring of industrial plants, buildings, lighting systems, and construction of transmission lines, both aerial and underground.

**Electrical Measurements.**—Spring semester. Junior elective. See Physics Department.

**Contracts and Specifications.**—Fall semester. Senior elective. See Civil Engineering Department.

14. **Electrical Equipment** (Prerequisite, Course 6.)—Three recitations. Spring semester. (3.) Elective for Electrical Engineering Seniors. Prof. George.

Selection, buying, arrangement, wiring, switchboards, control,

and auxiliary devices used with electrical equipment for shops, factories, and industrial plants.

15. **Telephone and Telegraph Engineering** (Prerequisite, Course 6.)—Two recitations. Two hours laboratory. Spring semester. (3.) Elective for Electrical Engineering Seniors.

Acoustics and principles involved; theory, construction, and operation of telephone, telegraph and various signal devices; magneto and common battery systems with special stress on modern improvements; long distance telephony and telegraphy; loaded, simplex, phantom, repeater, and other circuits.

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## ENGLISH.

Professor Weddell; Associate Professor King;
Associate Professor Savage; Assistant Professor Drennon;
Mr. Cooper; Mr. Geary.

1-2. **English Composition.**—Three recitations. Fall semester (3); Spring semester (3). Required of all Freshmen.

Principles of composition. The whole composition; the paragraph; the sentence; words; orthography; punctuation; the four forms of discourse; letter writing. Frequent themes. Conference with individual students.

3. **Advanced Composition** (Prerequisite, 2.)—Three recitations. Fall and Spring semesters (3). Required of Engineering, Agricultural, Science, and Business Sophomores.

Expository writing; analysis and imitation of essays and articles from recognized writers in engineering, agriculture, science, and business; emphasis on clearness, accuracy, directness, conciseness, and logical relationship. For agricultural students, practice in writing reports, letters, etc.

4. **Scientific Writing** (Prerequisite, 3.)—Three recitations. Spring semester (3). Required of Science Sophomores.

Practice in the writing of reports, laboratory experiments, bulletins, letters of various kinds, etc.

5. **Business English** (Prerequisite, 3.)—Three recitations. Spring semester (3). Required of Business Sophomores.

The mechanics of successful business letters; the composition of ordinary letters of business; application of principles of composition; appeal to the reader; clearness, accuracy, and conciseness stressed.

6. **Technical Writing** (Prerequisite, 3.)—Two recitations. Spring semester (2). Required of all Engineering Juniors.

Papers dealing with engineering subjects—letters, reports, summaries, abstracts, etc.

7. **Special Composition** (Prerequisite, 3.)—Three recitations. Fall and Spring semesters (3). Elective.

A supplementary course for students who desire further training in writing clear, correct, forceful English. Theme work and consultation.

8. **Special Composition** (Prerequisite, 7.)—Three recitations. Fall and Spring semesters (3). Elective.

A continuation of English 7. Note-taking, organization, revision, etc. Library work.

9. English Language.—Three recitations. Spring semester (3). Elective.

Brief history of the language; development of forms; structure; word study.

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## ENGLISH LITERATURE.

Professor Gaines.

2. Advanced English Literature.—Three lectures. Fall semester (3). Required of General Agriculture, Agricultural Engineering, Agronomy, Animal Husbandry, and Dairy Juniors, and of Horticulture Seniors.

A study of a limited number of representative English authors; special emphasis upon the actual literature with a view to the development of literary insight.

4. Shakespeare.—Three lectures. Fall semester (3).

A brief review of the development of the drama and of the life of Shakespeare; a critical study of four plays; outside reading of three additional plays.

8. Tennyson and Browning.—Three lectures. Spring semester. (3).

A critical study of typical poems from each writer.

12. Advanced American Literature.—Three lectures. Spring semester. (3.)

A course in the chief figures of American literature with principal emphasis upon their writings.

13. Southern Literature.—Three lectures. Fall semester. (3.) A study of the leading southern writers and of the general conditions which have affected the production of literature in the South.

16. Types of Modern Fiction.—Three lectures. Spring semester. (3.)

A somewhat intensive study of the novel and the short story; outside readings required.

17. Contemporary Literature.—Three lectures. Spring semester. (3.)

A survey of the course of literature and of the chief writers, English and American, since 1892.

18. The Literature of the Bible.—Three lectures. Fall semester. (3.)

A course covering the several types of Biblical literature with analysis of some of the prominent specimens; and with some reference to the debt which literature in general owes to the Bible.

## GEOLOGY.

Professor Morse; Associate Professor Burt.

**Required.**

1-2. **General Geology.**—Two recitations, two hours laboratory and numerous field trips.* Throughout the year. (3), (3). Required, first year in Engineering and Science, and a prerequisite to all advanced courses in Geology proper. Mr. Morse and Mr. Burt.

An introduction to both physical and historical geology. The geologic processes affecting the earth together with their results and an interpretation of geologic history.

5. **General and Industrial Geography.**—Two lectures, two hours laboratory. Fall semester. (3). Required, first year Business. Mr. Burt.

A rapid review of the principles of physical geography, followed by a study of the relation of topography, climate, soil, and mineral resources to industry and commerce, especially as this relation exists in the United States.

6. **Agricultural Geology.**—Two lectures, two hours laboratory, and a few field trips. Spring semester. (3). Required, second year Agriculture. Mr. Burt.

A brief course in the principles of both physical and historical geology; special emphasis on minerals and rocks and on the soil formed from them.

11-12. **Economic Geology** (Prerequisite, Geology 1-2.)—Two recitations, two hours laboratory, and field trips. The year. (3), (3). Required, third year in Civil Engineering. Mr. Morse.

Nature, origin, distribution, etc., of the non-metallic and metallic minerals of the United States, stressing structural and building materials.

**Elective.**

The sequences of the elective courses are suggested as follows:

I. General culture. Geology 1-2, 14, and 21-22.

II. Preparation for teaching. Geology 1-2, 21-22, and 37-38.

III. Geologic surveys. Geology 1-2, 21-22, 31, 35-36 (Inc. 39).

IV. Economic surveys. Geology 1-2, 11-12, 21-22, and 31-32.

14. **Advanced Industrial and Commercial Geography** (Prerequisite, Geology 5 or 1-2.)—Two lectures, two hours laboratory. Spring semester. (3). Mr. Burt.

Products of field, forest, factory and mine and their distribution in relation to geographic factors; their influence in the development of industrial and social conditions.

16. **Geography of Latin America** (Prerequisite, Geology 5.)—Two lectures, two hours laboratory. Spring semester. (3). (Not offered in 1922.) Mr. Burt.

17. **Soil Geology** (Prerequisite, Geology 6 or 1-2).—Two lectures, two or eight hours laboratory. Fall semester. (3 or 6.) Third or fourth year in Agriculture and in Agricultural Education. Mr. Burt.

* Recitation or laboratory periods of equivalent credit are omitted when field trips in any course are taken.

Those phases of general geology which are applicable to agronomy; common soil-forming rocks and minerals, and the influences of climate and topography in their decomposition.

21-22. **Elements of Stratigraphy and Paleontology** (Prerequisite, Geology 1-2.)—Lectures, laboratory, and field. The year. (6 or more.) Mr. Morse.

Geologic formations conveniently reached in the field, including an interpretation of the geologic history of the corresponding portion of the state, and an introductory study of fossil forms.

25. **Mineralogy** (Prerequisite, Geology 1-2.)—One lecture, four hours laboratory. Fall semester. (3.) Mr. Morse and Mr. Burt.

Crystal forms and other physical and chemical properties of the common and ore minerals; blowpipe determination and quick recognition.

26. **Elements of Paleontology** (Prerequisite, Geology 1-2.)—One lecture, four hours laboratory. Spring semester. (3.) For students not majoring in geology. Mr. Morse.

An introductory study of fossil forms.

27-28. **Political and Commercial Geology** (Prerequisites, Geology 1-2 or 5.)—Two lectures, two hours laboratory, both semesters. (3), (3). (Not offered in 1921-1922.) Mr. Morse and Mr. Burt.

31. **Field Geology** (Prerequisite, Geology 21-22 or 11-12.)—Lectures, laboratory, and field. Fall semester. (6.) Mr. Morse.

General methods; construction and use of geologic and topographic maps and of geologic sections; differentiation and correlation of formations; interpretation of the geologic history of an area.

32. **Oil Geology** (Prerequisite, Geology 31.)—Lectures, laboratory, and field. Spring semester. (6.) Mr. Morse.

A determination of the geologic structures governing the accumulation of oil and gas as revealed by a careful study of the distribution of water, oil, and gas in the producing sands, in the various fields of the United States. Also practical experience in the methods of determining favorable structural conditions from surface beds and in the making of reports on prospective and producing properties.

35-36. **Invertebrate and Stratigraphic Paleontology** (Prerequisites, Geology 21-22 or 11-12.)—Lectures, laboratory, and field. The year. (12.) Mr. Morse.

A study of invertebrate fossil forms and the faunal succession of formations.

37-38. **Advanced General Geology** (Prerequisites, Geology 21-22 or 11-12.)—Four recitations, two hours laboratory. The year. (12.) Mr. Morse.

An advanced course in general geology in which special emphasis is placed on the evolution of the North American continent.

39. **Summer Field Geology** (Prerequisites, Geology 21-22 or 11-12.)—Field. Summer. (12 or more.) Mr. Morse and Mr. Burt.

A few qualified and approved students may accompany these instructors in their field research work.

41-42. **Advanced Geology** (Prerequisites, Geology 31-32, 35-36, or 37-38.)—Subject, hours and credits to suit the needs of special students. The year, including summers. Mr. Morse and Mr. Burt.

45-46. **Geologic Seminar** (Prerequisite, 12 credit hours.)—One or more hours Fall or Spring semester. (1 or more).
Mr. Morse and Mr. Burt.

Current geologic literature.

51-52. **Research Geology** (Prerequisites, Geology 31-32, 35-36, or 37-38.)—Laboratory and field. The year, including summers. (12 or more.) Mr. Morse and Mr. Burt.

Individual research problems in Stratigraphic, Historical, or Economic Geology.

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## HISTORY AND ECONOMICS.

Professor Garner; Associate Professor Guyton.

### History.

1. **Industrial History of the United States.**—Three recitations. Fall semester. (3.) Required of Engineering and Science Freshmen.

Industrial changes, factory system, transportation, machinery, trade, railroads, monopolies, trusts and labor legislation.

3. **Economic History of the United States.**—Three recitations. Fall semester. (3.) Required of Business Freshmen.

Evolution of the present industrial system, labor organizations, trusts, and monopolies.

5. **Latin-American History.**—Three recitations. Spring semester. (3.) Required of Business Juniors.

Political and social conditions, and economic development and possibilities of the Latin-American countries.

7. **American Foreign Policy.**—Three recitations. Spring semester. (3.)

The history of the development of the foreign policy of the United States from a position of isolation to that of world power.

9. **American History.**—Three recitations. Spring semester. (3.)

The United States from the War of Secession up to the present time, with emphasis on the more recent events.

11. **European History.**—Three recitations. Spring semester. (3.)

The Protestant Reformation, Thirty Years War, Puritan Revolution, and the development of the States of Western Europe.

13. **Economic History of Europe.**—Three recitations. Spring semester. (3.)

Industrial revolution, labor legislation, Socialism, industrial insurance, and growth of trade.

15. **Industrial History of England.**—Three recitations. Spring semester. (3.)

Early Agrarian foundations, gild system, industrial revolution, factory legislation and industrial insurance.

### Economics.

17. **Principles of Economics.**—Two recitations. Spring semester. (2.) Required of all Engineering Seniors.

Evolution of present industrial system, division of labor, money, credit and banking, transportation, trade, wages and labor.

19. **Outlines of Economics.**—Three recitations. Fall and Spring semesters. (3.) Required of Agricultural Seniors in Agronomy, Animal Husbandry, Agricultural Education, Non-Technical Engineering, and Dairy Husbandry groups.

Factors of production, monopoly and trusts, money and credit, wages and labor, labor legislation, distribution, and transportation, markets, and speculation.

21. **Introduction to the Study of Economics.**—Three recitations. Fall semester. (3.) Required of Business Sophomores.

23. **Money and Banking.**—Three recitations. Spring semester. (3.) Required of Business Sophomores.

The principles of money, credit and banking; and their exemplification in modern currency and banking history, particularly in the United States. Stress on present problems and conditions.

25. **Taxation.**—Three recitations. Spring semester. (3.)

Stress on present day problems.

27. **Labor Problems.**—Three recitations. Spring semester. (3.)

Trade unions, labor disputes, arbitration, labor legislation, unemployment and labor exchanges, child labor, and industrial insurance.

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## HORTICULTURE.

Professor McKay; Associate Professors Price and Schmidt.

1. **Plant Propagation** (Prerequisite, Freshman Botany.)—Two lectures, two hours laboratory. Fall semester. (3.) Required of Agriculture Sophomores. Professors Price and Schmidt.

Different methods of propagating plants; seed testing, making and handling cuttings, budding, grafting; nursery management.

2. **Orchard Technique** (Prerequisite, Horticulture 1.)—Two hours laboratory. Spring semester. (1.) Required of Agriculture Sophomores. Professors Price and Schmidt.

Laying out orchards, planting, pruning, and spraying fruit trees.

3. **Landscape Gardening** (Prerequisite, Horticulture 1.)—Two lectures, two hours laboratory. Fall semester. (3.) Required of Horticultural and Agricultural Engineering Juniors. Prof. Price.

Landscape art with special reference to improvement of country and suburban homes; styles of gardening and materials used.

4. **Vegetable Gardening** (Prerequisite, Horticulture 1.)—Two lectures, two hours laboratory. Spring semester. (3.) Required Horticultural and General Agricultural Juniors. Prof. Schmidt.

Garden and truck crops for the South; varieties best suited; soils, fertilizers, storing, and marketing.

5. **Orchard Management** (Prerequisites, Horticulture 1 and 2.)—Two lectures, two hours laboratory. Spring semester. (3.) Required of Horticultural Juniors. Profs. Price and Schmidt.

Orchard sites and locations, soils, orchard plans, planting, mixed planting, cropping systems, cover crops, cultivation, fertilizing, pruning, and spraying.

6-7. **Pomology** (Prerequisite, Horticulture 5.)—Two lectures, two hours laboratory. Fall Semester. (3.) Spring semester. (3.) Required of Horticultural Seniors. Prof. Price.

Fruit and nut growing for home and market; varieties adapted to different sections; tree, vine, and small fruits, their development and value.

A. **Practical Horticulture for the Home.**—Two lectures, two hours laboratory. Spring semester. Required of second year men Short Course in Agriculture. Prof. Schmidt.

A working knowledge of plant propagation methods, orchard management, planting, pruning and spraying; gardening, and care of the home grounds, for ordinary purposes.

9. **Horticultural Research for Graduate Students.**—Hours to be arranged. Prof. McKay.

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## MATHEMATICS.

Professor Walker; Associate Professor Fox;
Assistant Professor Wallace; Mr. Hill.

1. **Solid Geometry** (Prerequisite, Plane Geometry.)—Three recitations. Fall semester. (3.) Required of all Freshmen except Agricultural and Business.

Lines, angles, and planes in space, polyhedrons, cylinders, cones, and the sphere.

2. **College Algebra** (Prerequisite, Elementary Algebra.)—Three recitations. Spring semester. (3.) Required of all Freshmen except Agricultural.

Quadratics, indeterminate coefficients, binominal theorem, common logarithms, progressions, series.

3. **Mathematical Syllabus** (Prerequisite, Elementary Algebra.) —Three recitations. Fall semester. (3.) Required of Agricultural Sophomores.

Lessons in college algebra and trigonometry.

4. **Plane and Spherical Trigonometry** (Prerequisite, Mathematics 2.)—Three recitations. Fall semester. (3.) Required of all Sophmores except Agricultural and Business.

Trigonometric functions of angles, the right angle, goniometry, the oblique triangle, the right spherical triangle, and the oblique spherical triangle.

5. **Analytic Geometry** (Prerequisite, Mathematics 4.)—Three recitations. Spring semester. (3.) Required of Engineering Sophomores.

Loci and their equations, the straight line, the circle, system of coordinates, and the conic sections.

6. **Differential Calculus** (Prerequisite, Mathematics 5.)—Three recitations. Fall semester. (3.) Required of Engineering Juniors.

Differentiation of algebraic, logarithmic, and exponential functions; successive differentiation, indeterminate forms, expansion of functions, maxima and minima, points of inflexion, and singular points.

7. **Integral Calculus** (Prerequisite, Mathematics 6.)—Three recitations. Spring semester. (3.) Required of Engineering Juniors.

Standard forms, direct integration, definite integrals, integration of rational fractions, integration by rationalization, integration by parts, double and triple integration.

8-9. **Analytic Mechanics** (Prerequisite, Mathematics 7.)—Three recitations. Fall and Spring semesters. (3). (3). Required of Engineering Seniors.

Composition and resolution of forces, moments, couples, centers of gravity, friction, machines, rectilinear and curvilinear motion, work and energy, moments of inertia.

10. **Advanced Analytic Geometry** (Prerequisite, Mathematics 6 and 7.)—Informal. Open to graduates only.

Homogenious coordinates of point and line, principles of duality, poles and polars, reciprocal polars, loci of the second order, and elements of higher plane curves.

11. **Solid Analytic Geometry** (Prerequisite, Mathematics 10.)—Informal. Open to graduates only.

Elements of analytic geometry of three dimensions, quadratic surfaces, and twisted curves and surfaces.

12. **Advanced Differential Calculus** (Prerequisite, Mathematics 11.)—Informal. Open to graduates only.

Fundamental principles and general methods with applications to problems arising in mathematics and physics.

13. **Advanced Integral Calculus** (Prerequisite, Mathematics 12.)—Informal. Open to graduates only.

A complete treatment of the various methods of integration, definite integrals, multiple integrals and elliptic integrals, and the elements of differential equations.

14. **Theory of Equations** (Prerequisite, Mathematics, 13.)—Informal. Open to graduates only.

Study of algebraic equations, transformations, determinants, and the solution of numerical equations.

15. **Elements of Theory of Functions** (Prerequisite, Mathematics 14.)—Informal. Open to graduates only.

Infinite series and integrations, conformal representation, and algebraic functions and their integrals.

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## MECHANICAL ENGINEERING.

Professor Carpenter; Associate Professor Lucas;
Associate Professor Cooley; Associate Professor Montgomery;
Assistant Professor Varnado; Mr. Pierson; Mr. Weatherly.

1. **Wood Work.**—One lecture. Four hours shop work. Fall semester. (3.) Required of Engineering Freshmen.
Associate Prof. Montgomery, Mr. Pierson, Mr. Weatherly.

Elementary instruction in wood work dealing with the use and care of ordinary hand tools and operation of high speed wood working tools. The lectures and models given are specially selected to make the student skillful in the use and operation of these tools.

2. **Wood Work** (Prerequisite, Mechanical Engineering 1.)—Six hours shop work. Spring semester. (3.) Required of Engineering Freshmen.

Associate Prof. Montgomery, Mr. Pierson, Mr. Weatherly.

Continuation of Mechanical Engineering 2. Cabinet models are constructed. Spcial attention to wood finishes. Part of this semester is devoted to lathe work and elementary pattern making.

3, 4. **Cabinet Making and Design** (Prerequisites, Mechanical Engineering 1 and 2.)—Three hours shop. Fall and Spring semesters. (1½), (1½). Elective to Juniors and Seniors.

Associate Prof. Montgomery, Mr. Pierson.

A, B. **Wood Work.**—Two hours shop work. Fall and Spring semesters. Required of first year Agriculture Short Course.

Associate Prof. Montgomery, Mr. Pierson, Mr. Weatherly.

Elementary instruction in wood work dealing in the use of ordinary hand tools.

5. **Cabinet Making and Design** (Prerequisites, Mechanical Engineering 1 and 2.)—Four hours shop work. Spring semester. (2.) Required of Industrial Education Juniors.

Associate Prof. Montgomery, Mr. Pierson, Mr. Weatherly.

6. **Forge Shop.**—Four hours shop work. Fall semester. (2.) Required of all Engineering Sophomores. Associate Prof. Cooley.

Study of forge tools and fires, use of hand tools for cutting, bending, shaping, drawing out, upsetting, and welding different grades of wrought iron and machine tools.

C. **Forge Shop.**—Six hours shop work. Fall semester. Required of Agricultural two year men. Associate Prof. Cooley.

Same as Course 6 with practical work pertaining to farm implements such as chain links, rings, coal shuts, sharpening, hardening and laying plows.

7. **Forge Shop and Elementary Foundry.**—Four hours shop work. Spring semester. (2). Required of all Engineering Sophomores.

Associate Prof. Cooley.

Machine forging, tool smithing, hardening, annealing, tempering and case hardening. The metallurgy of iron and steel briefly considered.

Principles of foundry practice, bench and light floor work. Elementary core work, operation of cupola and brass furnace. Time to be divided to suit the needs of the class.

8. **Advanced Forge Shop.**—Four hours shop work. Fall or Spring semester. (2.) Elective for Engineering Juniors and Seniors desiring extra work. Associate Prof. Cooley.

9. **Advanced Foundry.**—Four hours shop work. Spring semester. (2.) Elective for Engineering Juniors and Seniors desiring extra work. Associate Prof. Cooley.

10, 11. **Machine Shop** (Prerequisites, Forge Shop 6 and Foundry 7.)—Three hours shop work. Fall and Spring semesters. (1½), (1½). Required of Industrial Education, Electrical Engineering, and Mechanical Enginering Juniors. Associate Prof. Lucas.

Fundamental principles of correct machine shop practice. Lectures and practical demonstrations are given, supplemented by machine

parts or tools instead of exercises, thus covering practice on lathes, planer, shaper, milling machines, drill press, and grinding machine.

12. **Machine Shop.**—Three hours shop work. Fall or Spring semesters. (1½). Elective for Juniors desiring extra work.

13-14. **Machine Shop.**—Three hours shop work. Fall and Spring semesters. (1½), (1½). Required of Technical Agricultural Engineering Juniors. Associate Prof. Lucas.

An abbreviated course in Machine Shop Practice similar to Courses Machine Shop 10 and 11.

15, 16. **Machine Shop.**—Three hours shop work. Fall and Spring semesters. (1½), (1½.) Required of Industrial Education and Mechanical Engineering Seniors. Course 16 required of Electrical Engineering Seniors. Associate Prof. Lucas.

A continuation of Courses 10, 11, involving advanced use of tools. The spring semester tool making, oxy welding, oxy cutting, and heat treatment of steel will be taught.

17. **Machine Shop.**—Three hours shop work. Fall or Spring semesters. (1½). Elective for Seniors desiring extra work.

18, 19. **Machine Drawing.**—Three hours drawing. Fall and Spring semesters. (1½), (1½). Required of Industrial Education, Electrical Engineering, and Mechanical Engineering Seniors.
Associate Prof. Lucas.

The drawing room methods of the leading manufacturers are followed closely, with a course design to familiarize the student with the elements of machines, later the combinations of the elements into complete machines.

20, 21. **Engineering Design** (Prerequisites, Courses 18, 19.)—Three hours drawing. Fall and Spring semesters. (1½), (1½).

Required of Industrial Education, Electrical Engineering, and Mechanical Engineering Seniors. Associate Prof. Lucas.

Designs of steam and electrical machines with reference to strength, speed regulation, construction, and economic operation.

22. **Steam Engineering** (Prerequisites, Mathematics 4, Physics 3, 4.)—Three hours class room; two hours laboratory. Fall semester. (4.) Required of Mechanical Engineering, Electrical Engineering, and Industrial Education Juniors.
Prof. Carpenter, Asst. Prof. Varnado.

Lectures and recitation on the generation of steam; the design, construction, operation, and testing of boilers of different types, together with the necessary boiler plant accessories. Elementary thermodynamics of the heat engine, and the mechanics, design, construction, operation and testing of the steam engine.

23. **Steam Engineering** (Prerequisite, Mechanical Engineering 22.)—Two hours class room; two hours laboratory. Spring semester (3.) Required of Mechanical Engineering, Electrical Engineering, and Industrial Education Juniors.
Prof. Carpenter, Asst. Prof. Varnado.

A continuation of Course 1.

24. **Steam Engineering** (Prerequisite, Mathematics 4, Physics 3, 4.)—Three hours class room; two hours laboratory. Fall semester. (4.) Required of Technical Agricultural Engineering, and Architectural Engineering Juniors. Prof. Carpenter, Asst. Prof. Varnado.

This is a short course similar to 1 and 2, covering as much of the subject as possible in the limited time.

25, 26. **Engineering Mechanics** (Prerequisites, Mathematics 4 and Physics 3, 4.)—Two hours class room. Fall and spring semesters. (2) (2). Required of Electrical Engineering, Mechanical Engineering, and Industrial Education Juniors. Associate Prof. Cooley.

Elementary kinematics, kinetics and statics, leading up to general engineering and design.

27. **Materials Laboratory.**—Three hours laboratory. Fall semester. (1½). Required of Mechanical, Electrical, Civil, and Technical Agricultural Engineering Seniors. Associate Prof. Cooley.

Testing the strength of materials, as iron, steel, wood, and cement in tension, compression, torsion and transverse loading.

28. **Internal Combustion Engineering.**—Three hours class room; three hours laboratory. Fall semester. (4½). Required of Mechanical Engineering and Industrial Education Seniors.
Prof. Carpenter, Asst. Prof. Varnado.

Theory, design, construction, operation, and testing of internal combustion engines and gas producers.

29. **Heating and Ventilating, Plumbing and Sanitation.**—Three hours class room. Fall semester. (3.) Required of Mechanical Engineering, Architectural Engineering, and Industrial Education Seniors.
Prof. Carpenter.

The different methods of heating and ventilating buildings. Design and operation of different systems. Lectures on modern plumbing systems, including drains, fixtures, and combinations and the correct installation of the same.

30. **Power Plant Engineering.**—Two hours class room; three hours laboratory. Spring semester. (3½). Required of Mechanical Engineering and Industrial Education Seniors.
Prof. Carpenter, Asst. Prof. Varnado.

The design, construction, economical operation of modern water, light, and power plants.

31. **Mechanical Refrigeration.**—Three hours class room. Spring semester. (3.) Required of Mechanical Engineering and Industrial Education Engineering Seniors. Prof. Carpenter.

A study of the fundamentals of the different systems of mechanical refrigeration. Ice manufacturing and cold storage equipment.

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## MILITARY SCIENCE AND TACTICS.

Professor Elting; Assistant Professor Purdie.

Two Units of the Reserve Officers' Training Corps are in operation at this institution under the supervision of the War Department. These Units are Infantry and Heavy (Coast) Artillery, and all courses are planned with the view of fitting students to become eligible for commissions in the Officers' Reserve Corps.

All physically fit students are required to take two years military work either in the Infantry or Coast Artillery Unit. After this is completed students who so elect and who are acceptable to the President and Professor of Military Science may continue the course for

two years, provided they sign a contract to devote five hours per week to the work for the remainder of their course and to attend a camp of six weeks duration, in the summer following their junior year.

All students in the first two years of the course are furnished a complete uniform, each year, at government expense and those who elect to attend summer camps are furnished transportation from their homes to camp and return and are subsisted and clothed by the government while at camp. In addition to the above those students who are admitted to the last two years of the course receive commutation of rations, at the rate of fifty-three cents per day, during the time they are pursuing the course, and are allowed one dollar a day in addition to subsistence and clothing while attending camp.

For the purpose of organization, instruction, and discipline, students are organized into a corps of cadets consisting of two battalions of infantry, of four companies each, and a company of coast artillery. Cadet officers are selected from members of the senior class and cadet non-commissioned officers from the junior and sophomore classes. These officers and non-commisioned officers participate in the administration and training, and share the responsibility of maintaining proper discipiline in the dormitories and on the drill grounds.

**Course of Instruction for the Infantry Unit.**

1. **Military Science and Tactics.**—Three hours. Fall semester. Freshman year.

a. Administration: Genral principles of Army Organization. Details of company and battalion organization and administration. b. Military Courtesy: Necessity for and means of securing and maintaining military discipline in an organization. Customs of the Service. Purpose, effects, and requirements of military courtesy. c. Physical Training: Calisthenics and correctionary physical exercises. d. Infantry Drill: Infantry Drill Regulations; Schools of the Soldier, Squad, Platoon, and Company. e. Infantry Weapons: Nomenclature, care and use of rifle. Use of the bayonet. Hand to hand fighting. f. Interior Guard Duty: Organization and administration of interior guards. Duties of sentinels.

3. **Military Science and Tactics.**—Three hours. Spring semester. Freshman year.

a. Military Hygiene: Personal hygiene. Hygiene of the kitchen, barracks and camps. Hygiene of moving troops. The causes of disease. The prevention and control of epidemics. First aid to the injured. Resuscitaton. b. Physical Training: Calisthenics. Correctionary exercises. Mass games. c. Infantry Drill: Close and extended order. Ceremonies. (d). Minor Tactics: Participation in problems in patrolling, advanced guards, outposts, and combat for small units. e. Infantry Weapons and Equipment: The use of the rifle and bayonet. Gallery and target practice. Care and adjustment of the infantry pack.

5. **Military Science and Tactics.**—Three hours. Fall semester. Sophomore year.

a. Military Sketching and Map Reading: Scales, orientation, contours. Problems in map reading. Theoretical and practical work in road and area sketching. b. Infantry Drill: Fundamentals of leadership. Close and extended order drills. Combat exercises. c. Physical Training. Principles and methods of proper physical exercises. Calisthenic exercises. Mass games.

7. **Military Science and Tactics.**—Three hours. Spring semester. Sophomore year.

a. Infantry Weapons: Interior and exterior ballistics of the rifle. Nomenclature, care and employment of the automatic rifle and machine gun. b. Minor Tactics: Participation in exercises in patrolling, advance, flank and rear guards, outposts. Types of formations for security by day and night.

9. **Military Science and Tactics.**—Five hours. Fall semester. Junior year.

a. Infantry Drill: Theoretical instruction in School of the Battalion and School of the Regiment. Participation in drills and exercises. b. Physical Training: Training to prepare students to act as instructors in calisthenic exercises and mass games. c. Field Engineering: Principles of military field engineering. Types of trenches and obstacles. Selection of location for trenches. Camouflage.

11. **Military Science and Tactics.**—Five hours. Spring semester. Junior year.

a. Field Engineering: Military field engineering problems on the sand table and on the ground. Participation in the construction of a trench system. b. Infantry Weapons: Nomenclature, care, handling, and use of the pistol, hand and rifle grenade, trench mortar and one-pound gun. c. Minor Tactics: Participation in problems in minor tactics both theoretical and practical.

13. **Military Science and Tactics.**—Five hours. Fall semester. Senior year.

a. Infantry Drill: Participation as leaders and instructors in drills and tactical exercises. b. Administration: Company paper work. Company administration. Management and interior economy of a company of infantry. c. Military Law: The Articles of War. Court martial, jurisdiction, organization, procedure, evidence. Rules of Land Warfare. d. Physical Training: Participation as instructors in calisthenic exercises and mass games. e. Musketry: Principles of range estimation, target designation, fire distribution, fire control, fire discipline, use of cover, communication, signals and transmission of firing data.

15. **Military Science and Tactics.**—Five hours. Spring semester. Senior year.

a. Minor Tactics: Problems in minor tactics. Map maneuvers. War game. Tactical walks. b. Military History: History and military policy of the United States.

**Course of Instruction for Coast Artillery Unit.**

17. **Military Science and Tactics.**—Three hours. Fall Semester. Freshman year.

a. Administration: General principles of army organization. Details of company, battalion and regimental organization. Administration and tactical organization of the Heavy (Coast) Artillery Corps. b. Military Courtesy and Discipline: Necessity for and means and methods for securing and maintaining discipline in an organization. Customs of the service. Purpose, effects, and requirements of military courtesy. c. Military Hygiene: Relationship of personal hygiene to the moral and general efficiency of the soldier. Means and methods employed in first aid to the injured. d. Physical Training: Calis-

thenics and correctionary physical exercises. e. Infantry Instruction: Infantry Drill Regulations; Schools of the Soldier, Squad and Platoon. Care and adjustment of the infantry equipment.

19. **Military Science and Tactics.**—Three hours. Spring semester. Freshman year.

a. Artillery Material: Description, maintenance, and operation of guns, howitzers, and mortars manned by the Heavy (Coast) Artillery Corps. b. Motor Transportation: Description, maintenance and operation of motor vehicles used by the Heavy (Coast) Artillery Corps. c. Physical Training: Calisthenics and correctionary physical exercises. d. Infantry Instruction: Infantry Drill Regulations; Schools of the Soldier, Squad and Platoon.

21. **Military Science and Tactics.**—Three hours. Fall Semester. Sophomore year.

a. Artillery Material: Description, maintenance and operation of guns, howitzers and mortars manned by the Heavy (Coast) Artillery Corps. b. Orientation: Map-making. Map-reading. Topography and sketching. c. Physical Training: Calisthenics and correctionary physical exercises. d. Infantry Instruction: Infantry Drill Regulations; Schools of the Platoon and Company. Interior guard duty. Care and operation of small arms.

23. **Military Science and Tactics.**—Three hours. Spring semester. Sophomore year.

a. Artillery Material: Fire control material for types of artillery manned by the Heavy (Coast) Artillery Corps. b. Gunnery: Principles of gunnery for heavy artillery. c. Motor Transportation: The gasoline engine. Operation of motor vehicles used by the Heavy (Coast) Artillery. d. Physical Training: Calisthenics and correctionary physical exercises. e. Infantry Instruction: Infantry Drill Regulations; Schools of the Platoon and Company. Care and operation of small arms.

25. **Military Science and Tactics.**—Five hours. Fall semester. Junior year.

a. Artillery Material: Fire control material for types of artillery manned by the Heavy (Coast) Artillery Corps. b. Gunnery: Principles of exterior ballistics. Means and methods employed in determining firing data. c. Physical Training: Calisthenics and correctionary physical exercises. d. Infantry Instruction: Infantry Drill Regulations; Schools of the Platoon and Company. Care and operation of small arms.

27. **Military Science and Tactics.**—Five hours. Spring semester. Junior year.

a. Artillery Material: Description, maintenance and operation of guns, howitzers and mortars manned by the Heavy (Coast) Artillery. b. Gunnery: Means and methods employed in determining firing data. c. Orientation: Methods of orientation for heavy artillery. (d.) Motor Transportation: Operation of motor vehicles used by the Heavy (Coast) Artillery Corps. The gasoline engine. e. Field Engineering: Methods of construction of emplacements, dug-outs and firing positions. f. Employment of Artillery: Basic principles involved in the selection of types of artillery. Duties of battery officers in connection with the reconnaissance, selection and occupation of positions. g. Physical Training: Calisthenics and correctionary physical exercises.

h. Infantry Instruction: Infantry Drill Regulations; Schools of the Platoon and Company.

29. **Military Science and Tactics.**—Five hours. Fall semester. Senior year.

a. Administration: Basic principles of army administration. Company or battery supply in garrison and in the field. b. Military morale: Methods of instilling esprit and maintaining morale in military organizations. c. Military Hygiene: Camp sanitation. Care and preservation of the health of the soldier in garrison and in the field. d. Military Law: Basic principles. Courts-martial. Relation of military and civil authority. e. Physical Training: Calisthenics: Methods of instruction in the conduct of physical drills. f. Infantry Instruction: Infantry Drill Regulations; Schools of the company and battalion.

31. **Military Science and Tactics.**—Five hours. Spring semester. Senior year.

a. Military History and Policy: Military policy and history of the United States, before, during, and since the world war. b. Artillery Material: Artillery ammunition, including projectiles, explosives, fuses, and primers. c. Gunnery: Methods of observation and adjustment of artillery fire. d. Orientation: Principles of seacoast engineering. e. Motor Transportation: Convoys. Road discipline. f. Field Engineering: Principles of camouflage. Methods of hasty repair of roads and bridges. g. Employment of Artillery: Communications. Tactical problems. h. Physical Training: Calisthenics. Methods of instruction in the conduct of physical drills. i. Infantry Instrucion: Infantry Drill Regulations; Schools of the Company and Battalion.

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## MODERN LANGUAGES.

Professor Towles; Mr. Seilin.

### French.

1. **Elementary French.**—Three lectures. Fall semester. (3.) Prof. Towles and Mr. Seilin.

Essentials of French grammar and pronunciation. Written and oral exercises. Reading of simple stories.

2. **Elementary French** (Prerequisite, French 1.)—Three lectures. Spring semester. (3.) Prof. Towles.

Grammar continued. Composition and dictation. Reading of simple plays and stories.

3. **Intermediate French** (Prerequisite, French 2.)—Three lectures. Fall semester. (3.) Prof. Towles.

Composition. Representative works of modern French prose writers. Dictation and conversation.

4. **Intermediate French** (Prerequisite, French 2.)—Three lectures. Spring semester. (3.) Prof. Towles.

Commercial correspondence. Dictation. Reading of newspapers, magazines, and bulletins.

### Spanish.

21. **Elementary Spanish.**—Three lectures. Fall and Spring semesters. (3.) Prof. Towles and Mr. Seilin.

Essentials of Spanish grammar. Written and oral exercises. Reading of simple stories.

22. **Elementary Spanish** (Prerequisite, Spanish 21.)—Three lectures. Fall and Spring semesters. (3) Prof. Towles and Mr. Seilin.

Grammar continued. Composition and dictation. Reading of short stories and modern plays.

23. **Intermediate Spanish** (Prerequisite, Spanish 22.)—Three lectures. Fall semster. (3.) Prof. Towles.

The novel. Advanced composition. Conversation.

24. **Intermediate Spanish** (Prerequisite, Spanish 22.)—Three lectures. Spring semester. (3.) Prof. Towles.

### Portuguese.

31. **Elementary Portuguese** (Prerequisite, Spanish 22.)—Three lectures. Fall semester. Prof. Towles.

Rapid review of grammar. Reading of bulletins and journals.

32. **Elementary Portuguese** (Prerequisite, Portuguese 31.)—Three lectures. Spring semester. (3.) Prof. Towles.

Literature. Composition. Conversation.

### German.

41. **Elementary German.**—Three lectures. Fall semester. (3.) Mr. Seilin.

German grammar. Simple reading. Daily written and oral exercises.

42. **Elementary German** (Prerequisite, German 41.)—Three lectures. Spring semester. (3.) Mr. Seilin.

Grammar continued. Short stories. Composition.

43. **Intermediate German** (Prerequisite, German 42.)—Three lectures. Fall semester. (3.) Mr. Seilin.

Composition. Plays. Scientific German.

44. **Intermediate German** (Prerequisite, German 42.)—Three lectures. Spring semester. (3.) Mr. Seilin.

Composition. A novel. The History of Chemistry in German.

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## PHYSICS.

Professor Moody; Associate Professor Barnes;
Assistant Professor Hutchinson; Mr. Raynor; Mr. Anderson;
Mr. McCain.

2. **Elementary Physics.**—Three lectures; four hours laboratory. Spring semester. (5.) Required of Agricultural Freshman. (Will be offered each semester.)

A course in elementary Physics dealing with the subjects of Mechanics, Heat, Magnetism, and Electricity.

3-4. **College Physics** (Prerequisite, must be accompanied by or preceded by Mathematics 4.)—Three lectures; four hours laboratory. Fall and Spring semester. (5), (5). Required of Engineering and Science Sophomores.

A general course treating all phases of the subject; lectures, demonstrations, and problem work with individual laboratory work.

6. **Electric and Magnetic Measurements** (Prerequisites, Physics 3-4, and Mathematics 6.)—Time to be arranged. Spring semester.

Measurement of resistance, potentials, and e. m. f. s. capacities, inductances and various magnetic quantities, and the necessary theory of the methods and apparatus used. About one-third of the time will be given to theory and the remainder to individual laboratory work.

7. **Heat** (Prerequisites, Physics 3-4, and Mathematics 4.)—Three lectures and recitations; six hours laboratory. Fall semester. (6.)

Theremometry, pyrometry, calorimetry, temperature regulation, change of state, vapor pressure and densities, and thermodynamics.

8. **Electricity** (Prerequisites, Physics 3-4, and Mathematics 4.) —Three lectures; six hours laboratory. Spring semester. (6.)

Conductivity of electrolytes; transport numbers; potentials and e. m. f. s.

9. **Light** (Prerequisites, Physics 3-4, and Mathematics 4.)— Three lectures; six hours laboratory. Fall semester. (6.)

Refractometry, microscopy, spectrometry, colorimetry, polarimetry, and saccharimetry.

10. **Radioactivity and X-Rays** (Prerequisites, Physics 3-4, and Mathematics 4.)—Three lectures and six hours laboratory. Spring semester. (6.)

Theory of radioactivity and experimental study of radioactive materials; X-ray physics; theory and properties of X-rays, together with the experimental study of their properties and uses.

11. **Photography** (Prerequisites, Physics 3-4, and Mathematics 4.)—Three lectures and six hours laboratory. Fall semester. (6.)

Lenses, their properties and uses in combination in kodaks and cameras, together with practice in various subjects; cameras; physics and chemistry of plates and films and their development and fixing.

12. **Wireless Telegraphy** (Prerequisites, Physics 3-4 and Mathematics 4.)—Three lectures and six hours of individual laboratory practice with radio apparatus and circuits; key and code work, and field work.

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## POLITICAL SCIENCE AND SOCIOLOGY.

Professor Herbert and Professor Butts.

### 1. Political Science.

1. **American Government.**—Three lectures. Fall and Spring semesters. (3.) Required of Agricultural Sophomores, and of Engineering, Science, and Business Freshmen.

Underlying principles; the federal, state, county, and municipal administration. Designed to train for better citizenship.

2. State Government (Prerequisite, Political Science 1.)—Three lectures. Fall semester. (3.)

State gvernment in the United States; the nation and the states; the central state adminstration; legislative procedure, reference bureaus and bill drafting; the state judiciary.

3. Municipal Government (Prerequisite, Political Science 1.)—Three lectures. Spring semester. (3.)

Municipal government in the United States; types of city government; comparison with European city government.

5. Comparative Government (Prerequisite, Political Science 1.)—Three lectures. Spring semester. (3.)

Comparison of the government of the United States with that of the leading countries of Europe, especially England, France and Germany.

6. Political Theories (Prerequisite, Political Science 1.)—Three lectures. Fall semester. (3.)

Fundamental priniciples of political science; ancient and mediaeval political philosophy, and modern political theories.

7. Constitutional Law (Prerequisite, Political Science 1.)—Three lectures. Fall semester. (3.)

Introduction to American constitutional law; court decisions illustrating leading principles.

9. International Law (Prerequisite, Political Science 1.)—Three lectures. Spring semester. (3.)

Fundamental principles; leading decisions of international tribunals; international relations as affected by municipal and international law and by diplomacy.

### II.—Sociology.

11. Sociology.—Three lectures. Spring semester. (3.)

Fundamental principles underlying social organization and progress in America and in foreign countries.

13. Rural Sociology.—Three lectures. Fall semester. (3.) Required of Agricultural Engineering Seniors and Agricultural Education Juniors.

Rural problems in the United States, especially in the South; laws of Mississippi of special importance to rural dwellers; federal statutes affecting rural development.

Graduate Courses.—Suggestive outlines of graduate courses in Political Science and Sociology will be submitted on application.

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## POULTRY HUSBANDRY.

Professor Clayton; Mr. Hayes.

1. Farm Poultry.—Two recitations; two hours laboratory. Fall semester. (3.) Required of all Agricultural Freshmen.

A. Farm Poultry.—Two recitations; two hours laboratory. Fall semester. Required of all two-year men.

3. **Egg Farming** (Prerequisite, Course 1.)—Two recitations. Two hours laboratory. Spring semester. (3.)

B. **Egg Farming** (Continuation of Course 1.)—Two recitations. Two hours laboratory. Spring semester.

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## PUBLIC DISCOURSE.

Professor Mellen; Mr. ————.

### Public Affairs.

1. **Current Affairs** (Open to advanced students.)—Three recitations. One semester, at option of instructor. (3.) Prof. Mellen.

Study of public affairs—agricultural, business, engineering, social, political, scientific, etc.

2. **Mississippi** (Open to advanced students.)—Three recitations. One semester, at option of instructor. (3.) Prof. Mellen.

Study of Mississippi conditions: natural resources and people; economic, educational, religious life, etc.; consideration of means of improvement.

### Public Speaking.

11. **Interpretative Reading** (Open to advanced students.)—Three recitations. One semester, at option of instructor. (3.) Prof. Mellen.

Analysis of selections; practice in delivery; pausing, articulation, gesture.

12. **Public Speaking** (Open to advanced students.)—Three recitations. Fall semester. (3.) Prof. Mellen.

Preparation of practical addresses—debates, orations, lectures; platform use of charts; drill in delivery.

13. **The Public Meeting.**—Three recitations. Fall or spring semester. (3.) Required of Business Sophomores and Agricultural Juniors. Prof. Mellen.

Organization of public meetings. Committee assignments. Study of a few urban and rural problems. Preparation of argument. Parliamentary practice.

### Public Writing.

21. **Advertising.**—Three recitations. Fall semester. (3.) Required of Business Sophomores. Prof. Mellen.

Psychology of advertising. The advertising letter. Display advertisements.

22. **Journalism** (Open to advanced students.)—Two recitations; two laboratory. Fall semester. (3.) Prof. Mellen.

Specialized studies in news, editing, managing; practice.

23. **Advanced Journalism** (Prerequisite, Public Writing 22.)—Two recitations. Spring semester. (3.) Prof. Mellen.

## VETERINARY SCIENCE.

Professor Jones.

1. **Common Diseases and Examination for Soundness.**—Two lectures; two hours laboratory. Spring semester. (3.) Required of Agricultural Freshmen.

Special emphasis upon common anatomical defects or diseased conditions of farm animals and common operations needed on the farm.

A. **Elementary Animal Diseases.**—Two lectures; two hours laboratory. Spring semester. Required of first year two-year students.

Common diseases as they exist among farm animals, with special emphasis upon their prevention and first aid treatment.

3. **Contagious and Infectious Diseases of Animals** (Prerequisite, Course 1.)—Two lectures and two hours laboratory. Fall and Spring Semesters. (3.) Required of General Agriculture, Dairy, Agricultural Education, Agricultural Engineering, Agronomy, and Animal Husbandy Seniors.

Contagious and infectious diseases of farm animals and their methods of prevention and control.

4. **Veterinary Obstetrics and Embryology** (Prerequisite, Course 1.)—Two lectures; two hours laboratory. Fall semester. (3.) Required of Animal Husbandry Seniors.

Common diseases and operations needed in breeding farm animals.

5. **Practical Use of Medicines on the Farm** (Prerequiste, Course 1.)—Two lectures, two hours laboratory. Spring semester. (3.) Required of Animal Husbandry Juniors.

Administration, action, and dosage of medicines commonly used; giving first aid and nursing of sick animals.

6. **Elementary Meat and Milk Inspection, including Killing and Curing Meats on the Farm** (Prerequisite, Course 1.)—One lecture. (1.)

7. **Practical Kitchen Meat and Milk Inspection.**—One lecture. (1.)

8. **Handling Farm Animals** (Prerequisite, Course 1.)—One lecture. Fall and Spring semesters. (1.)

9. **Dissection** (Prerequisite, Course 1.)—Two hours laboratory. Fall and Spring semesters. (1), (1).

Dissection of one horse, cow and pig. Special emphasis upon anatomical defects as of interest in live stock breeding and judging.

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## ZOOLOGY AND ENTOMOLOGY.

Professor Harned; Associate Professor Lobdell;
Assistant Professor Stafford; Miss Hoke; Mr. Allen.

1. **Invertebrate Zoology.**—Two lectures; two laboratory hours. Each semester. (3.) Required of Agriculture Sophomores and Science Freshmen. Mr. Stafford, Miss Hoke, Mr. Allen.

Morphology, reproduction, physiology, classification, habits, life history, geographical distribution, and economic importance of invertebrate forms.

3. **Vertebrate Zoology** (Prerequisite, Zoology 1.)—Two lectures; two laboratory hours. Each semester. (3.) Required of Agriculture Juniors and Science Freshmen. Mr. Stafford, Miss Hoke, Mr. Allen.

5. **General Entomology** (Prerequisite, Zoology 1.)—Four lectures; four laboratory hours. Spring semester. (6.) Required of Science Sophomores, and Agriculture Juniors in General Agriculture, Agricultural Education, Agronomy, and Horticulture.
Mr. Harned, Mr. Stafford, Miss Hoke, Mr. Allen.

7. **Economic Entomology** (Prerequisite, Zoology 5.)—Two lectures; two laboratory hours. Fall semester. (3.) Required of Seniors in General Agriculture, Agronomy, and Horticulture.
Mr. Harned, Mr. Stafford, Mr. Allen.

Beneficial and injurious insects of Mississippi, special attention being given to life histories, habits, and control measures of injurious forms. The laboratory work may be done during the summer.

9. **Advanced Entomology** (Prerequisite, Zoology 5.)—Three lectures. Fall semester. (3). Mr. Harned.

Anatomy, physiology, histology, development, and biology of insects.

10. **Insect Morphology** (Prerequisite, Zoology 5.)—Six laboratory hours. Each semester. (3.) Mr. Stafford.

11. **Advanced Economic Entomology** (Prerequisite, Zoology 7.)—Three lectures. Spring semester. (5.) Mr. Harned.

12. **Insect Morphology** (A continuation of Course 10.)—Six laboratory hours. Each semester. (3.) Mr. Stafford.

14. **Systematic Entomology** (Prerequisite, Course 10.)—Six laboratory hours. Each semester. (3.)

Classification of insects, based especially on a study of one family or order.

15. **Special Problems.**—Problems, hours, and credits arranged individually. Each semester.

17. **Medical and Veterinary Entomology** (Prerequisite, Zoology 5.)—Two lectures; two laboratory hours. Spring semester. (3.)
Mr. Stafford.

Insects in their relation to disease and as pests to man and domestic animals; methods of control and prevention.

19. **Apiculture** (Prerequisite, Zoology 5.)—Two lectures; two laboratory hours. Spring semester. (3.) Mr. Harned, Mr. Lobdell.

21. **Entomological Literature.**—Fall semester. (2). Mr. Harned.

23. **Nature Study.**—Three lectures; four laboratory-field hours. Spring or Summer semester. Mr. Lobdell.

Designed for school teachers. Elementary studies of animal and plant life.

A. **Elementary Zoology and Entomology.**—Four lectures; six laboratory field hours. Fall semester. (No college credit.) Two-year course in Agriculture.

A general survey of the animal kingdom with special reference to injurious and beneficial species.

27. **Vertebrate Anatomy** (Prerequisite, Zoology 3.)—One lecture; four laboratory hours. Spring semester. (3.)

31. **Ornithology.**—One lecture; four laboratory hours. Spring semester. (3.) Mr. Lobdell.

25. **Fish and Reptiles** (Prerequisite, Zoology 3.)—One lecture; four laboratory hours. Fall semester. (3.) Mr. Lobdell.

29. **Animal Parasites** (Prerequisite, Zoology 5.)—Two lectures; two laboratory hours. Fall semester. (3.) Mr. Allen.

# SERVICE BUREAU

David Carlisle Hull, M. Sc.....President of the College.
Francis Pendleton Gaines, M. A.....Director of the Bureau.
Miss Nannie H. Rice, M. A.....Secretary of the Bureau.
C. M. Tingle, B. Sc.....Supervisor of Visual Instruction.
Miss Ann Pope.....Assistant Secretary.

The Service Bureau is that branch of the College which seeks to extend into the broadest possible fields the varied activities of the institution. In its present organization, the Bureau operates through four agencies:

### Correspondence-Study Department.

About sixty-five courses, many of them carrying college credit, are now included in the curriculum of the correspondence study department. Each course is divided into twelve lessons, a lesson representing approximately a week's work. Each lesson is reported on, and each report graded and commented upon by a member of the college faculty. To secure credit, the student must take an examination, either at the College or at such other point as may be designated by the Bureau, within six months after he has completed the course.

A bulletin covering in detail the methods and the courses of this department will be sent to any one interested.

### Package Library Department.

The department has now collected and will furnish on request package libraries on more than 600 topics of timely interest. Each library includes clippings chosen from the leading periodicals, government reports, and other authoritative sources. The service is free.

### Visual Instruction Department.

The department has now collected about 100 films and over 1300 slides of practical value, relating chiefly to the agriculture and industry of the State, and lends these resources free of charge. Last year the films and slides were exhibited to an average of 8,000 people each month.

### General Information Department.

The Bureau undertakes to answer all letters seeking definite advice of expert nature; to publish from time to time articles covering achievements of interest at the College; and to bring out in regular sequence bulletins touching upon the development of the State.

# EXPERIMENT STATIONS

J. R. RICKS, M. Sc., Director.

The Experiment Station organization in Mississippi for conducting investigations in agriculture is: Central Station at Agricultural College, South Mississippi Branch Station at Poplarville, Holly Springs Branch Station at Holly Springs, Delta Branch Station at Weilenman, Raymond Branch Station at Raymond, and Coastal Plains Station, which is the old McNeil Station, at McNeil, Mississippi. Located as they are, these stations furnish facilities for conducting experiments, the results of which are directly applicable to the various soils and climatic conditions that obtain in the state. The results obtained are published in bulletins and circulars, which are sent free of cost to residents of Mississippi upon request.

Experiments are being conducted in the folowing lines: Complemental Mule Breeding; Breeding and Raising of Grade Beef Cattle; Feeding Cottonseed Products to Dairy Cattle; Hog Feeding and Grazing; Sheep and Goats; Soil Fertility; Forage Crops; Cotton Breeding; Corn Breeding; Green Manures; Crayfish; Scale Insects; Insects Injurious to Pecans; Tomato and Potato Disease; Forage Poisoning; Plant Pathology; Horticulture; Dairying; Poultry Husbandry; Farm Management; and Farm Machinery and Tractors. Some of these have several projects under investigation.

Special bulletins dealing with these subjects may be had on application to the Director.

# EXTENSION DIVISION

R. S. WILSON, Director.

Since the Agricultural and Mechanical College was opened, extension work has been an important feature of its service.

**Extension and Demonstration Work.**—The county agents, directed by the State Agent, give instruction to farmers on better methods of agriculture, farm practices and management, raising crops, production of live stock, standardization of production, community organization, etc., and carry out illustrative demonstrations.

The following work was done in 1920: Boys' Clubs; Community Organization; Dairying; Cooperative Market Clubs; Agricultural Engineering; Animal Husbandry; Horticulture; School Extension; Farmers' Institutes; Home Economics; Beekeeping; Insect Pests; Farm Machinery; Poultry Husbandry; Cotton Classing.

# MILITARY ORGANIZATION

## OFFICERS OF THE COLLEGE REGIMENT.

D. C. HULL, President.....Head of the Military Department.
S. O. ELTING.....Major United States Army, Commandant of Cadets.
H. S. JOHNSON.....Lieutenant Colonel.
R. D. MOORE.....Captain and Regimental Adjutant.
H. P. HUGHES, Captain.....Supply Company.
C. P. DALEY.....Regimental Sergeant Major.
H. T. FORTNER.....Supply Sergeant.
R. S. SKINNER.....Supply Sergeant.
J. S. PORTER.....Color Sergeant.
L. G. ATKINSON.....Color Sergeant.

### First Battalion.

O. S. HORNE .....Major.
W. FLOYD TAYLOR.....First Lieutenant and Adjutant.

**Company A.**—Captain W. C. Grayson, First Lieutenant J. R. Strain, First Sergeant J. M. Ewing. Sergeants.—W. H. May, S. V. Applewhite, S. S. Cummins. Corporals.—J. C. Halliburton, A. B. Webb, W. D. Moore, H. B. White, T. B. Gallman, L. R. Rawls, S. N. Boyd.

**Company C.**—Captain C. W. Byrd, First Lieutenant H. H. Crossan, Second Lieutenant J. H. Fewell, First Sergeant R. K. Queckemeyer. Sergeants.—W. D. Reed, H. L. Herrington, J. W. Wright. Corporals.—S. J. Kittrell, J. A. Harris, G. H. Faulk, J. W. Ingram, R. L. Price, C. E. Ross, G. G. Hobbs.

**Company C.**—Captain C. W. Byrd, First Lieutneant H. H. Crossan, Second Lieutenant J. F. Russum, First Sergeant A. A. Bryant. Sergeants.—F. M. Colmer, H. H. Ledyard, R. W. Peebles. Corporals.—A. G. McKee, J. F. Morgan, L. B. Bryant, M. G. Anderson, C. B. Robinson, W. T. Catledge, J. E. Noble.

**Company D.**—Captain R. E. Greene, First Lieutenant C. C. Hollingshead, Second Lieutenant T. F. Catchings, First Sergeant J. W. Hammack. Sergeants.—J. N. Crisler, L. B. Buchanan. Corporals.—B. J. Peters, E. B. Barnett, C. H. Cunningham, M. B. Mitchell, G. B. Garrett, S. A. Hall, J. D. Smith.

### Second Battalion.

S. D. CASE.....Major.
D. V. STAPLETON.....First Lieutenant and Adjutant.

**Company E.**—Captain F. M. Hunter, First Lieutenant O. L. McKnight, Second Lieutenant J. C. Hardy, First Sergeant R. A. McDougal. Sergeants.—E. M. Brown, G. P. Lucas, J. M. Miller. Corporals.—W. R. O'Quinn, L. J. Bahin, F. E. Carleton, D. Junkin, J. W. Rodgers, A. L. Wilkins, E. H. Cato.

**Company F.**—Captain R. D. Morrow, First Lieutenant I. B. Rutledge, Second Lieutenant G. D. Williams, First Sergeant S. H. Blair. Sergeants.—T. A. Gibson, E. H. Jacob, W. D. R. Stovall. Corporals.—P. D. Sanders, R. S. Myers, J. A. Welch, L. T. Dillard, J. R. Clark, J. H. Stowers, W. F. Chamberlain.

**Company G.**—Captain J. R. Haynen, First Lieutenant G. L. White, Second Lieuteant T. A. Oliphant, First Sergeant A. M. Wood. Sergeants.—J. D. Sibley, W. B.

Vinzant, W. W. Chapman. Corporals.—J. F. Haynes, L. B. Smith, P. Torrey, J. P. Carter, H. E. Echols, D. M. Dougherty, A. J. Franklin.

Company H.—Captain C. H. Brandon, First Lieutenant C. E. Griffith, Second Lieutenant J. B. Boswell, First Sergeant B. A. Klutts. Sergeants.—J. F. Farlow, J. E. Howell, J. G. Davis. Corporals.—O. O. Bennett, M. S. Bankston, H. T. Stennis, W. Brunson, H. A. Cobb, H. W. Braynon, F. E Wiseman.

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## Third Battalion.

Company I.—Captain J. W. Hollandsworth, First Lieutenant T. P. Groome, Second Lieutenant R. C. Darsey, G. L. Orr; First Sergeant R. P. Flannagan. Sergeants.—N. S. Catchings, F. C. Allein, W. O. Spencer, A. L. Gottsche, J. C. Grundy, J. H. Germany. Corporals.—A. M Moore E. L. Parker, E. E. Holley, B. F. Ware, O. A. Prather, J. A. Courtenay, L. F. Gardner, L. M. Gardner, R. L. Keller, T. B. Fatheree, R. W. Russell, W. O. Weathersby, W. F. Lambert.

Company K.—Captain G. T. Sargent, First Lieutenant O. Z. Smith, Second Lieutenant C. H. Brannon; First Sergeant E. T. Taylor. Sergeant E. Blackburn.

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## Band.

Captain J. W. Stevens, First Lieutenant E. C. Stinson, Second Lieutenant H. K. Steuterman. First Sergeant J. B. Craig. Sergeants.—E. Majeski, R. McMillen, E. E. King. Corporals.—T. N. Dobbins, J. A. Lee, J. W. Tucker, J. W. Rhodes, J. P. Perkins.

# REGISTER OF STUDENTS

JANUARY 19, 1921

Abbreviations: Agr.—Agriculture; Agr. Ed.—Agricultural Education; Agr. Eng.—Agricultural Engineering; Eng.—Engineering; Bus. and Ind.—Business and Industry; Ed.—Education; Sc.—Science; Sr.—Senior; Jr.—Junior; Soph.—Sophomore; Fresh.—Freshman; Two-Yr.—Two-Year Agriculture; Spec.—Special; E. E.—Electrical Engineering; C. E.—Civil Engineering; M. E.—Mechanical Engineering; W. S.—War Special.*

* The name War Special designates the disabled men sent to the College by the National Government for special training. A few of them are members of regular college classes, but most of them are receiving vocational training specially provided to meet their preparation and needs.

## GRADUATE STUDENTS.

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Billingsley, M. C. | Agr. | Winona |
| Burt, F. A. | Special Work | Starkville |
| Carter, A. H. | Agr. Eng. | Starkville |
| Cork, F. O. | Agr. Ed. | Agricultural College |
| Cowart, R. | Agr. | Greenwood Springs |
| George, R. B. | Special Work | Agricultural College |
| Gracey, J. P. | Agr. Ed. | Agricultural College |
| Hill, D. A. | Ed. W. S. | Starkville |
| Howell, W. C. | Agr. Eng. | Starkville |
| Martin, R. L. | Agr. Ed. W. S. | Puckett |
| McAlister J. T. | Agr. Eng. | Agricultural College |
| McCormick, H. P. | Special Work | Bogue Chitto |
| O'Kelly, J. F. | Agr. | Blue Mountain, Arkansas |
| Stutts, L. H. | Agr. Ed. | Booneville |
| Trotter, I. P. | Agr. | Agricultural College |
| Winkler, M. H. | Special Work | Meridian |

## UNDERGRADUATE STUDENTS.

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Abbott, C. G. | Eng. Fresh. | Greenwood |
| Abraham, J. B. | Eng. Fresh. | Pascagoula |
| Adair, H. S. | Agr. Soph. | Baldwyn |
| Adams, A. G. | Dairying Spec., W. S. | Oakland |
| Adams, C. E. | Dairying Spec., W. S. | Kentwood, Louisiana |
| Adams, F. R. | E. E. Sr. | Pass Christian |
| Adams, J. B. | Agr. Fresh. | Pass Christian |
| Adams, L. M. | Bus. and Ind. Soph. | Macon |
| Adams, M. D. | Agr. Spec., W. S. | Water Valley |
| Addkison, H. M. | Eng. Soph. | Jackson |
| Agnew, R. P. | M. E. Sr. | Bethany |
| Aiken, D. W. | Bus. and Ind. Soph. | Thyatira |
| Alderman, D. O. | W. S. | Stringer |
| Aldridge, H. M. | W. S. | Baldwyn |
| Alexander, P. C. | Agr. Fresh. | Bay Springs |
| Alford, H. L. | Bus. and Ind. Jr. | Crystal Springs |
| Allein, F. C. | Sc. Jr. | Vicksburg |
| Almond, R. W. | Agr. Soph. | Starkville |
| Amerson, J. W. | W. S. | Burnsville |
| Anderson, E. J. | Agr. Soph. | Mendenhall |
| Anderson, G. | Agr. Fresh | Shuqualak |
| Anderson, M. G. | Agr. Soph. | Mize |
| Anderson, R. Lafayette | Agr. Jr. | Shuqualak |
| Anderson, R. Leo | C. E. Jr. | Jackson |
| Anderson, W. S. | Agr. Soph. | Mendenhall |
| Anthony, J. L. | Agr. Fresh. | Cedar Bluff |
| Applewhite, P. B. | Agr. Fresh. | Bassfield |
| Applewhite, S. V. | M. E. Jr. | Winona |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Arant, T. J. | Agr. Spec., W. S. | Belleville, Alabama |
| Armistead, C. B. | Sc. Fresh. | Moss Point. |
| Armstrong, T. R. | Bus. and Ind. Fresh. | Crystal Springs |
| Arnold, J. L. | Bus. and Ind. Sr. | Shannon |
| Arnold, T. H. | Agr. Fresh. | Ellisville |
| Ashcraft, Henry C. | W. S. | Dossville |
| Ashcraft, Henry Clay | Agr. Fresh. | Amory |
| Ashcraft, O. L. | Bus. and Ind. Soph. | Amory |
| Ashley, D. C. | Agr. Soph. | Georgetown |
| Ashley, W. M. | M. E. Jr. | Georgetown |
| Ashmore, V. S. | Agr. Spec., W. S. | Troy |
| Askew, J. W. | Agr. Soph. | Mayhew |
| Atkinson, L. G. | Agr. Soph. | Louisville |
| Atwood, M. H. | Agr. Sr., W. S. | Ovett |
| Aust, J. B. | Sc. Soph. | Schlater |
| Aust, M. L. | Agr. Fresh. | Scooba |
| Austin, E. H. | Eng. Fresh. | Columbia |
| Austin, K. W. | Eng. Fresh. | Ellisville |
| Avens, W. C. | Agr. Spec., W. S. | Wyatte |
| Avery, J. | Agr. Spec., W. S. | Dothan, Alabama |
| Bacot, A. M. | Sc. Fresh. | McComb |
| Baggett, T. B. | Eng. Fresh. | Anguilla |
| Bahin, L. J. | Eng. Soph. | Natchez |
| Bailey, F. D. | Eng. Soph. | Lexington |
| Bailey, S. M. | Eng. Fresh. | Ackerman |
| Bain, W. O. | W. S. | Leedy |
| Baker, J. L. | Agr. Two-Yr. | Arkadelphia, Arkansas |
| Ball, M. M. | Eng. Fresh. | Raymond |
| Ball, W. D. | Eng. Fresh. | Louisville |
| Ball, W. M. | Eng. Spec. | Tylertown |
| Bankston, M. S. | Agr. Soph. | Fountain Hill, Arkansas |
| Bannister, T. L. | Sc. Soph. | Osyka |
| Bannon, M. P. | Eng. Soph. | Blomingdale, Indiana |
| Barbour, J. F. | Eng. Fresh. | Yazoo City |
| Barkley, J. R. | Agr. Soph. | Cotton Plant |
| Barkley, R. W. | Agr. Fresh. | Cotton Plant |
| Barksdale, A. P. | Agr. Fresh. | Sand Hill |
| Barksdale, J. D. | Eng. Soph., W. S. | Goshen Springs |
| Barlow, R. M. | Agr. Jr. | Burnell |
| Barnes, O. L. | Agr. Fresh. | Prentiss |
| Barnes, W. B. | Dairying Spec., W. S. | Fayette, Alabama |
| Barnett, B. T. | Sc. Fresh. | Moss Point |
| Barnett, C. L. | Agr. Spec., W. S. | Moscow |
| Barnett, E. B. | Sc. Fresh. | Moss Point |
| Barnhill, A. E. | Agr. Spec., W. S. | Louisville |
| Barron, C. E. | Unclassified | Hattiesburg |
| Barton, H. | W. S. | Mathiston |
| Bass, A. P. | Eng. Spec. | Bassfield |
| Beall, C. W. | W. S. | Plattsburg |
| Beall, J. W. | W. S. | Plattsburg |
| Beard, R. | Bus. and Ind. Fresh. | Laurel |
| Beard, T. S. | W. S. | Leakesville |
| Beavers, G. L. | Agr. Spec., W. S. | Lucedale |
| Beecham, T. M. | W. S. | Chavies, Alabama |
| Bell, B. L. | W. S. | Newton |
| Bell, C. P. | Agr. Soph. | Starkville |
| Bell, J. R. | Agr. Soph. | Starkville |
| Bell, J. W. | Eng. Fresh. | Fayette |
| Bennett, C. F. | Agr. Spec. | Walnut |
| Bennett, O. O. | Agr. Spec. | Ethel |
| Bennett, W. T. | Agr. Fresh. | Conway |
| Benson, S. | Eng. Spec. | Camden, Arkansas |
| Benton, H. E. | W. S. | Amory |
| Berkley, J. A. | Agr. Sr. | Red Banks |
| Berry, A. W. | Agr., Two-Yr. | Pine Bluff, Arkansas |
| Berry, N. O. | Agr. Sr. | Pine Bluff, Arkansas |
| Berryhill, W. M. | Agr. Ed. Sr. | Gloster |
| Bethea, J. D. | Agr. Sr. | Sumrall |
| Betterton, T. F. | W. S. | Slate Springs |
| Bickley, F. P. | Agr. Sr. | Tuscumbia, Alabama |
| Bircheat, H. M. | W. S. | Berry, Alabama |
| Bishop, E. E. | W. S. | Starkville |
| Black, H. A. | Agr. Sr. | Nettleton |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Black, M. C. | Eng. Soph. | Natchez |
| Blackburn, E. | Agr. Sr., W. S. | Decatur |
| Blackledge, S. M. | Sc. Fresh. | Laurel |
| Blackledge, W. L. | Eng. Fresh. | Saucier |
| Blackwell, W. W. | W. S. | Weathersby |
| Blair, S. H. | Sc. Soph. | Pascagoula |
| Blank, G. B. | Agr. Jr., W. S. | Crenshaw |
| Blanton, C. | Agr. Sr. | Ackerman |
| Blaylock, O. P. | W. S. | Pontotoc |
| Blythe, S. L. | W. S. | Tupelo |
| Boggan, E. J. | W. S. | Mendenhall |
| Bolton, C. H. | Agr. Soph. | Booneville |
| Bond, B. N. | Agr. Soph. | Cedar Bluff |
| Bond, J. G. | Agr. Fresh. | Cedar Bluff |
| Boone, D. R. | Agr. Fresh. | Petal |
| Boschert, H. L. | Agr. Fresh. | Duncan |
| Boswell, J. B. | Agr. Sr. | Mt. Pleasant |
| Bounds, A. | W. S. | Purvis |
| Bounds, R. E. | W. S. | Calhoun City |
| Boutwell, W. | W. S. | Newton |
| Bowen, R. G. | E. E. Jr. | Brookhaven |
| Box, S. W. | Agr. Soph. | Quitman |
| Boyd, C. D. | Sc. Sr. | Union |
| Boyd, S. N. | Agr. Soph. | Louin |
| Boyd, W. S. | W. S. | White Bluff |
| Boyer, W. H. | Bus. and Ind. Fresh. | Corinth |
| Boyington, C. W. | W. S. | Robertsdale, Alabama |
| Boykin, L. | Unclassified | Meridian |
| Boyles, J. L. | Agr. Spec., W. S. | Homewood |
| Brabston, J. E. | Eng. Spec. | Bovina |
| Bramlett, L. L. | W. S. | Springville |
| Brand, W. M. | W. S. | Vardaman |
| Brandon, C. H. | Agr. Sr. | Russell |
| Brandon, L. B. | Eng. Fresh. | Russell |
| Brannin, R. B. | Eng. Soph. | Aberdeen |
| Brannon, C. H. | Agr. Sr. | Greenville |
| Brannon, L. W. | Agr. Sr. | Greenville |
| Brantley, A. H. | Unclassified | Kilmichael |
| Branyan, H. W. | Agr. Fresh. | Guntown |
| Brasher, J. W. | Agr. Fresh. | Shubuta |
| Breakfield, W. J. | W. S. | Goss |
| Breaux, E. J. | W. S. | Franklin, Louisiana |
| Brent, F. M. | Agr. Eng. Spec. | Laurel |
| Brewer, H. L. | Bus. and Ind. Fresh. | Coffeeville |
| Brewer, W. H. | W. S. | Waynesboro |
| Briggs, W. N. | Unclassified | Raleigh, Tennessee |
| Briscoe, C. R. | W. S. | Scobey |
| Britt, R. C. | W. S. | Olive Branch |
| Brock, H. D. | Sc. Spec., W. S. | McComb |
| Brockway, C. M. | Agr. Two-Yr. | Memphis, Tennessee |
| Brogan, H. T. | Agr. Fresh. | West Point |
| Brogan, W. E. | Agr. Jr. | West Point |
| Brougher, F. S. | Agr. Eng. Spec., W. S. | Belen |
| Brown, E. M. | Bus. and Ind. Spec. | Pine Bluff, Arkansas |
| Brown, F. P. | Eng. Spec. | Shubuta |
| Brown, F. W. | Bus. and Ind. Jr. | Pontotoc |
| Brown, G. L. | W. S. | Lake Charles, Louisiana |
| Brown, J. F. | Agr. Sr. | Bradley |
| Brown, J. M. | Agr. Jr. | Bradley |
| Brown, J. Q. | Agr. Spec., W. S. | Fulton |
| Brown, J. R. | Eng. Fresh. | Pontotoc |
| Brown, W. P. | Bus. and Ind. Spec. | Camden, Arkansas |
| Browning, E. A. | W. S. | Waynesboro |
| Brumby, R. E. | Agr. Sr. | Goodman |
| Brunson, C. O. | Agr. Fresh. | Basic |
| Brunson, W. | Agr. Fresh. | Enterprise |
| Brunson, W. N. | Agr. Spec., W. S. | Opp, Alabama |
| Bryant, A. A. | Agr. Jr. | Coffeeville |
| Bryant, L. B. | Agr. Soph. | Mize |
| Buchanan, L. B. | Sc. Soph. | West Helena, Arkansas |
| Buchanan, M. W. | Unclassified | Lauderdale |
| Bullard, J. S. | W. S. | Sarah |
| Bunch, W. W. | Agr. Fresh. | Oxford |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Burch, J. C. B. | Agr. Fresh. | Memphis, Tennessee |
| Burford, A. R. | Agr., Two-Yr. | Sarah |
| Burns, Jodie Williams | Agr. Fresh. | Iuka |
| Burns, John Wesley | W. S. | Minden |
| Burrell, G. W. | W. S. | Kosciusko |
| Burwell, R. G. | Agr. Fresh. | Meridian |
| Busby, J. | W. S. | Chicora |
| Buse, G. C. | W. S. | Jacksonville, Alabama |
| Bush, B. F. | W. S. | Laurel |
| Bush, J. V. | Agr. Spec. | Soso |
| Bush, W. J. | Bus. and Ind. Spec., W. S. | Soso |
| Butler, C. L. | Agr. Jr. | Liberty Hill, Louisiana |
| Butler, G. | Agr. Spec., W. S. | Star |
| Butler, G. H. | Agr. Fresh. | Moselle |
| Butler, J. S. | Unclassified | Goodman |
| Butler, O. | Ed. Spec., W. S. | Woodville, Alabama |
| Butler, R. H. | Agr. Spec., W. S. | Jackson |
| Butts, W. J. | Ed. Soph. | Artesia |
| Byars, W. R. | W. S. | Plattsburg |
| Byrd, C. W. | E. E. Jr. | Carriere |
| Byrd, H. A. | Agr. Fresh. | Lumberton |
| Byrnes, A. M. | Agr. Jr. | Carlisle |
| Cahill, J. E. | Agr. Fresh. | Senatobia |
| Cain, W. R. | Agr. Sr. | Little Springs |
| Caldwell, C. | W. S. | Hickory |
| Caldwell, R. D. | Eng. Fresh. | Pontotoc |
| Calhoun, S. K. | Agr. Jr. | Mt. Olive |
| Calhoun, W. D. | Eng. Fresh. | Mt. Olive |
| Callahan, C. A. | W. S. | Vardaman |
| Calvert, F. C. | W. S. | Duffee |
| Cambre, M. J. | W. S. | Hopeville, Louisiana |
| Cameron, C. B. | Agr. Fresh. | Agricultural College |
| Camp, M. S. | Eng. Soph. | Starkville |
| Campbell, B. E. | Bus. and Ind. Spec. | Sherman |
| Campbell, R. F. | Agr. Soph. | Cohay |
| Campbell, W. B. | Eng. Fresh. | Durant |
| Cantrell, C. | W. S. | Tupelo |
| Caperton, E. M. | Agr. Soph. | Hattiesburg |
| Carleton, F. E. | Eng. Soph. | Macon |
| Carley, C. T. | Eng. Fresh. | Gulfport |
| Carpenter, C. L. | Agr. Soph. | Starkville |
| Carraway, C. W. | Agr. Spec. | Bassfield |
| Carroll, W. R. | Agr. Spec., W. S. | Crossville, Alabama |
| Carter, J. P. | Agr. Fresh. | Hattiesburg |
| Cartwright, J. W. | W. S. | Booneville |
| Casanova, O. B. | Agr. Fresh. | Logtown |
| Case, S. D. | C. E. Sr. | Canton |
| Cash, R. M. | W. S. | Crossville, Alabama |
| Cassell, H. S. | Agr. Sr. | Hammond, Louisiana |
| Catchings, N. S. | C. E. Jr. | Woodville |
| Catchings, T. F. | Agr. Jr. | Woodville |
| Catledge, W. T. | Bus. and Ind. Jr. | Philadelphia |
| Cato, E. H. | Bus. and Ind. Fresh. | Winona |
| Chafee, C. M. | Agr. Soph. | Biloxi |
| Chamberlin, W. F. | Eng. Soph. | West Point |
| Champion, J. W. | W. S. | Clayton, Alabama |
| Chapman, A. J. | Agr. Spec. | Jackson |
| Chapman, C. E. | Agr. Ed. Fresh. | Purvis |
| Chapman, J. D. | Agr. Fresh. | Pocahontas |
| Chapman, Jacob J. | Agr. Eng. Fresh. | Courtland |
| Chapman, James J. | Eng. Fresh. | Indianola |
| Chapman, W. S. | Eng. Fresh. | Bay St. Louis |
| Chapman, W. W. | Agr. Jr. | Courtland |
| Chestnut, G. | W. S. | Shubuta |
| Childers, A. G. | W. S. | Corinth |
| Christopher, E. O. | Agr. Spec., W. S. | Starkville |
| Clark, C. B. | Agr. Spec., W. S. | Kosciusko |
| Clark, C. F. | Agr. Ed. Jr. | Ruth |
| Clark, G. A. | Agr. Fresh. | Memphis, Tennessee |
| Clark, J. C. | Agr. Fresh. | DeKalb |
| Clark, J. R. | E. E. Jr. | Tallula |
| Clark, W. D. | W. S. | Pyreton, Alabama |
| Clark, W. F. | Agr. Soph. | Poplarville |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Clark, W. T. | Eng. Fresh. | Mt. Olive |
| Clarke, J. W. | W. S. | Columbus |
| Clay, W. A. | Hort. Spec., W. S. | Piedmont, Alabama |
| Clayton, J. P. II. | Agr. Jr. | Agricultural College |
| Clement, S. L. | Agr. Fresh. | Terry |
| Clemons, B. M. | W. S. | Larkinsville, Alabama |
| Clemons, G. J. | W. S. | Dancy |
| Cleveland, A. L. | W. S. | Union |
| Cobb, E. W. | W. S. | Camden |
| Cobb, H. A. | Agr. Soph. | Crossett, Arkansas |
| Cochran, C. S. | Eng. Soph. | Richton |
| Coffman, M. F. | Agr. Fresh. | Natchez |
| Colbert, W. H. | Eng. Fresh. | Jackson |
| Cole, J. H. | W. S. | Millport, Alabama |
| Cole, J. R. | Agr. Soph. | Moscow |
| Coleman, H. S. | W. S. | Meridian |
| Coleman, R. S. | W. S. | McLain |
| Collier, I. C. | Unclassified | Water Valley |
| Collins, E. | W. S. | Caesar |
| Collins, O. C. | W. S. | Oloh |
| Collins, V. O. | Bus. and Ind. Sr., W. S. | Ellisville |
| Colmer, F. M. | Sc. Soph. | Moss Point |
| Colston, R. | Agr. Spec. | Port Gibson |
| Combs, J. M. | Eng. Fresh. | Meridan |
| Commander, S. C. | Agr. Eng. Soph. | Mikoma |
| Conerly, W. I. | Agr. Soph. | Tylertown |
| Connally, D. B. | Unclassified | Bogue Chitto |
| Connell, J. A. | W. S. | Columbus |
| Consley, J. M. | Eng. Fresh. | Holly Springs |
| Cook, J. W. | Agr. Spec. | Heidelberg |
| Cook, M. S. | W. S. | Pittsboro |
| Cook, R. C. | Agr. Fresh. | Columbus |
| Cook, R. J. | Agr. Spec., W. S. | Isola |
| Cook, S. B. | Agr. Soph. | Osyka |
| Cook, U. C. | Agr. Soph., W. S. | Oxford |
| Cooley, D. P. | Agr. Spec., W. S. | Shubuta |
| Cooley, J. A. | Bus. and Ind. Fresh. | Mize |
| Cooley, S. R. | Agr. Fresh. | Waynesboro |
| Coon, M. G. | Sc. Fresh. | Mississippi City |
| Cooper, C. C. | Agr. Fresh. | Eupora |
| Cooper, F. D. | Agr. Eng. Soph. | Sumner |
| Corley, S. E. | W. S. | Star |
| Cossar, C. G. | Agr. Fresh. | Charleston |
| Coursey, J. | Eng. Fresh. | Hattiesburg |
| Courtenay, F. A. | Eng. Fresh. | Pascagoula |
| Courtenay, J. A. | E. E. Jr. | Pascagoula |
| Covert, G. S. | C. E. Jr. | Meridian |
| Covington, C. M. | W. S. | Quitman |
| Covington, H. | Agr. Fresh. | Belen |
| Covington, H. E. | Sc. Soph. | Hazlehurst |
| Cowsert, W. C. | Agr. Jr. | Goodman |
| Cox, A. A. | Bus. and Ind. Soph. | Crystal Springs |
| Cox, B. D. | W. S. | Fortner |
| Cox, C. E. | Bus. and Ind. Fresh. | Crystal Springs |
| Cox, T. J. | Agr. Fresh. | Scobey |
| Cox, W. H. | Agr. Soph. | Baldwyn |
| Craig, J. B. | C. E. Jr. | Batesville |
| Crawford, J. J. | Bus. and Ind. Fresh. | Lexington |
| Crawford, S. F. | Agr. Fresh. | Beulah |
| Creasy, C. F. | W. S. | Vardaman |
| Creekmore, H. | Bus. and Ind. Fresh. | DeKalb |
| Cresswell, L. B. | Agr. Fresh. | Oxford |
| Crews, B. A. | Bus. and Ind. Spec. | Hazlehurst |
| Crigler, W. L. | Eng. Fresh. | Crawford |
| Crisler, J. N. | Agr. Soph. | Learned |
| Crosby, J. O. | W. S. | Rolling Fork |
| Cross, H. E. | W. S. | Falkner |
| Crossan, H. H. | E. E. Jr. | Hot Springs, Arkansas |
| Crout, G. W. | Eng. Fresh. | Hazlehurst |
| Crum, L. E. | W. S. | Shannon |
| Crum, W. A. | Eng. Fresh. | New Albany |
| Crumpler, B. M. | Agr. Spec., W. S. | Enterprise |
| Crumpton, D. F. | Agr. Soph. | Starkville |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Crumpton, G. E. | Agr. Fresh. | Sturgis |
| Crumpton, P. B. | Agr. Fresh. | Sturgis |
| Culpepper, C. L. | Bus. and Ind. Fresh. | Meridian |
| Culpepper, C. O. | W. S. | Lake |
| Cummings, J. L. | W. S. | Burnsville |
| Cummins, S. S. | Bus. and Ind. Soph. | Aliceville, Alabama |
| Cunningham, C. H. | Eng. Soph. | Crawford |
| Cunningham, W. H. | W. S. | Wiggins |
| Cupit, P. | Agr. Soph. | Lucian |
| Currey, J. R. | Eng. Soph. | Smithville |
| Currie, R. E. | Agr. Spec. | Lemon |
| Curtis, J. G. | Unclassified | French Camp |
| Dale, J. A. | W. S. | Sylacauga, Alabama |
| Daley, C. P. | Agr. Jr | Jackson |
| Dancy, R. C. | Agr. Jr. | Greenville |
| Daniel, G. T. | Bus. and Ind. Spec | Quitman |
| Daniels, A. B. | Agr. Spec., W. S. | West Point |
| Daniels, A. J. | Dairying Spec., W. S. | Pineville |
| Daniels, R. C. | W. S. | Pineville |
| Darsey, R. C. | E. E. Sr. | Ocean Springs |
| Darwin, R. W. | E. E. Sr. | Laurel |
| Davidson, E. H. | Agr. Soph. | Montpelier |
| Davidson, L. S. | Agr. Fresh. | Montpelier |
| Davis, A. S. | Agr. Fresh. | Lumberton |
| Davis, C. L. | Eng. Fresh. | Fayette |
| Davis, F. | W. S. | Roseland, Louisiana |
| Davis, F. M. | Bus. and Ind. Fresh. | Corinth |
| Davis, G. P. | Bus. and Ind. Spec. | Pisgah |
| Davis, Henry Bragg | Bus. and Ind. Freshman | Daleville |
| Davis, Homer Bowman | Eng. Fresh. | Byram |
| Davis, J. G. | Bus. and Ind. Soph. | Collins |
| Davis, N. P. | Agr. Fresh. | Perkinston |
| Davis, R. T. | Bus. and Ind. Spec. | Collins |
| Davis, S. L. | Bus. and Ind. Fresh. | Corinth |
| Davis, S. W. | Agr. Spec. | Richton |
| Davis, W. F. | W. S. | Shubuta |
| Davis, W. G. | W. S. | Booneville |
| Davis, W. W. | Ed. Spec. | Foxworth |
| Dawson, E. E. | W. S. | Woodville |
| Dawson, J. T. | Agr. Fresh. | Summit |
| Day, B. H. | Agr. Sr | Liberty |
| Dean, T. M. | Agr. Spec., W. S. | Ozark, Alabama |
| Deavenport, B. M. | Agr., Two-Yr. | Scott |
| Deavenport, J. M. | Eng. Fresh. | Shuqualak |
| Debter, N. G. | W. S. | Cullman, Alabama |
| Deen, I. L. | Agr. Spec. | Bassfield |
| Deen, O. T. | Agr. Spec. | Bassfield |
| Delony, L. G. | Agr. Spec., W. S. | Leighton, Alabama |
| Dement, G. W. | Agr. Fresh. | Neshoba, Tennessee |
| Dempsey, A. H. | W. S. | Lousville |
| Dempsey, J. A. | W. S. | Corinth |
| Denmark, A. S. | Agr. Spec., W. S. | Leakesville |
| Denson, H. | Agr. Soph. | Bay Springs |
| Dent, E. R. | Eng. Fresh. | McLeod |
| Dent, W. E. | Bus. and Ind. Fresh. | Macon |
| Denton, J. M. | W. S. | Troy |
| Dettor, J. H. | W. S. | Batesville |
| Dexter, S. L. | Ed. Soph. | Abbott |
| Dickerson, R. T. | W. S. | Heathman |
| Dickson, A. D. | Agr. Spec. | Nesbitt |
| Dillard, L. T. | Agr. Soph. | Oxford |
| Dismukes, D. E. | Agr. Spec., W. S. | Duck Hill |
| Divelbiss, C. D. | Eng. Soph. | Columbus |
| Dixon, J. H. | Agr. Fresh. | Vaughn |
| Dixon, J. L. | Agr. Fresh. | Vaughn |
| Dixon, T. F. | W. S. | Catchings |
| Dobbins, T. N. | Eng. Soph. | Las Animas, Colorado |
| Dodds, N. M. | W. S. | Myrtle |
| Donaldson, G. Y. | Agr. Fresh | Pontotoc |
| Dorman, J. A. | W. S. | Sarepta |
| Doss, J. H. | Unclassified | Dossville |
| Dossett, R. | Sc. Soph. | New Augusta |
| Dougherty, D. M. | C. E. Jr. | Tunica |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Dougherty, M. C. | Agr. Fresh. | Coldwater |
| Douglass, F. | Sc. Fresh. | Macon |
| Douglass, G. W. | Agr. Spec. | McLeod |
| Downs, L. L. | W. S. | Booneville |
| Drane, W. L. | Agr. Fresh. | Starkville |
| Dubose, S. R. | Agr. Soph. | Sherard |
| Duncan, M. J. | W. S. | Jayess |
| Duncan, O. E. | Agr. Jr. | Mayodan, South Carolina |
| Dunnam, E. W. | Sc. Sr. | Richton |
| East, W. W. | Agr. Two-Yr. | Oxford |
| Eaves, W. A. | W. S. | Louisville |
| Echols, H. E. | Agr. Soph. | Byhalia |
| Edens, A. C. | Unclassified | Aberdeen |
| Edington, M. E. | W. S. | Vardaman |
| Edwards, F. A. | W. S. | Holcomb |
| Edwards, J. M. | Agr. Fresh. | Shuqualak |
| Edwards, M. D. | W. S. | Sulligent, Alabama. |
| Eley, C. B. | Agr. Spec., W. S. | Harperville |
| Ellett, H. | W. S. | Madrid, Alabama |
| Ellington, G. W. | Agr. Jr., W. S. | Lexington |
| Elliott, D. F. | Ed. Spec. | Okolona |
| Elliott, W. H. | Agr. Fresh. | Benton |
| Ellis, B. F. | Bus. and Ind. Jr. | Okolona |
| Ellis, L. A. | Agr. Spec., W. S. | Vardaman |
| Ellis, R. G. | Agr. Spec., W. S. | Ozark, Alabama |
| Ellis, W. C. | Agr. Soph. | Florence |
| Ellsworth, P. H. | Agr. Fresh. | McComb |
| Elrod, J. L. | W. S. | Oxford |
| Emmerich, C. O. | Agr. Fresh. | McComb |
| Entrican, O. | W. S. | Brookhaven |
| Ernest, O. E. | Ed. Spec., W. S. | Fulton |
| Evans, D. A. | Bus. and Ind. Fresh. | Houston |
| Evans, T. R. | W. S. | Waynesboro |
| Evans, W. W. | W. S. | Waynesboro |
| Everett, C. F. | Agr., Two-Yr. | Braxton |
| Ewing, J. M. | Agr. Soph. | Vaughn |
| Exum, E. C. | Agr. Spec. | West Point |
| Ezell, W. | W. S. | Waynesboro |
| Fairley, C. M. | Sc. Fresh. | Moss Point |
| Falkner, J. M. | Ed. Spec., W. S. | Pontotoc |
| Fancher, J. K. | Unclassified, W. S. | Darling |
| Farish, J. E. | W. S. | Stallo |
| Farlow, J. F. | Bus. and Ind. Soph. | Terry |
| Farmer, R. L. | Agr. Fresh. | Winona |
| Fatheree, T. B. | Sc. Soph. | Quitman |
| Faulk, G. H. | Eng. Fresh. | Leakesville |
| Ferguson, F. E. | Agr. Spec., W. S. | Houlka |
| Ferguson, S. J. | Agr. Spec. | McLain |
| Fewell, J. H. | Agr. Jr. | Jackson |
| Fields, H. J. | W. S. | Altha, Florida |
| Flanagan, R. P. | Ed. Jr. | Cary |
| Floore, J. W. | Agr. Fresh. | Shuqualak |
| Flowers, O. | W. S. | Vardaman |
| Flowers, T. G. | Agr. Fresh. | Mattson |
| Floyd, J. C. | Eng. Spec. | Pallhuska, Oklahoma |
| Floyd, L. E. | W. S. | Mize |
| Foley, J. M. | Eng. Fresh. | Hattiesburg |
| Fondren, J. S. | W. S. | Whitney |
| Foot, W. C. | Agr. Fresh. | Iuka |
| Ford, E. G. | W. S. | Winona |
| Ford, J. I. | W. S. | Increase |
| Ford, P. L. | Agr. Fresh. | Houston |
| Ford, T. C. | W. S. | Collins |
| Ford, W. E. | Eng. Fresh. | Winona |
| Foret, J. J. | W. S. | New Orleans, Louisiana |
| Fortner, H. T. | E. E. Sr. | Jackson |
| Foster, G. W. | W. S. | Pickens |
| Foster, I. R. | Ed. Soph. | Monticello |
| Fowler, L. B. | Agr. Spec. | Blue Mountain |
| Fox, D. B. | Bus. and Ind. Spec. | Laurel |
| Franklin, A. J. | Agr. Soph. | Magee |
| Fredy, M. H. | Agr., Two-Yr. | Clarksdale |
| Freeman, C. P. | Agr. Jr., W. S. | Wyatte |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| French, M. R. | Agr. Jr. | Port Gibson |
| French, R. M. | W. S. | Union |
| Friday, W. G. | Agr. Spec., W. S. | Rara Avis |
| Frost, J. R. | W. S. | Montevallo, Alabama |
| Fulcher, L. H. | Ed. Fresh. | Ackerman |
| Fuller, J. T. | W. S. | Rutledge, Alabama |
| Funderburk, R. L. | W. S. | Houlka |
| Fuqua, D. | W. S. | Amory |
| Fuqua, H. G. | Bus. and Ind. Fresh. | Amory |
| Furr, J. R. | Agr. Fresh. | Belen |
| Gaines, C. S. | C. E. Jr. | Coldwater |
| Gaines, G. E. | Agr. Sr. | Decatur |
| Gaines, L. W. | Agr. Fresh. | Coldwater |
| Gallman, T. B. | Agr. Jr. | Terry |
| Galtney, M. C. | E. E. Jr. | Canton |
| Gammill, C. W. | W. S. | Sessums |
| Gandy, C. E. | W. S. | Mathersville |
| Gandy, W. W. | W. S. | Seminary |
| Gardner, L. F. | Eng. Soph. | Moorhead |
| Gardner, L. M. | Eng. Soph. | Moorhead |
| Gardner, S. | W. S. | Vinegar Bend, Alabama |
| Garling, S. | W. S. | New Albany |
| Garmon, R. G. | Bus. and Ind. Soph. | Verona |
| Garner, C. A. | W. S. | Booneville |
| Garner, L. P. | Eng. Soph. | Agricultural College |
| Garner, S. H. | W. S. | White Sand |
| Garrett, G. B. | Bus. and Ind. Fresh. | Kosciusko |
| Garrett, J. C. | Agr. Spec., W. S. | Lockhart, Alabama |
| Garth, T. B. | Agr. Fresh. | Hazlehurst |
| Gatchell, K. P. | Agr. Fresh. | Moorhead |
| Gatewood, R. M. | Bus. and Ind. Fresh. | Hillsboro |
| Gathings, C. H. | Eng. Soph. | Prairie |
| Gavin, D. W. | Sc. Soph. | Columbus |
| Gavin, W. C. | Eng. Fresh. | Waynesboro |
| Gay, G. | Agr. Jr. | DeKalb |
| Gayden, J. K. | Agr. Soph. | Claiborne, Louisiana |
| Geiger, L. J. | W. S. | Gulfport |
| Germany, J. H. | E. E. Sr. | Centerville |
| Gibbs, H. L. | Agr. Spec., W. S. | Lake |
| Gibson, J. W. | Agr. Jr. | Barlow |
| Gibson, T. A. | Sc. Soph. | Booneville |
| Gillespie, M. G. | Bus. and Ind. Fresh. | Shubuta |
| Gillis, J. S. | Dairying Spec., W. S. | Brooklyn |
| Gilmer, C. N. | Agr. Soph. | Poplarville |
| Gilmore, S. | W. S. | French Camp |
| Ginn, H. O. | Bus. and Ind. Fresh. | Lexington |
| Glenn, E. | Unclassified | Bay Springs |
| Glover, L. R. | W. S. | Bogue Chitto |
| Goings, W. M. | W. S. | Magnolia |
| Goodwin, R. C. | E. E. Jr. | Shaw |
| Goolsby, J. W. | W. S. | Ella, Alabama |
| Gordon, B. T. | Eng. Soph. | Greenville |
| Goree, L. C. | W. S. | Quitman |
| Goree, W. | W. S. | Quitman |
| Gorenflo, W. G. | Bus. and Ind. Fresh. | Biloxi |
| Gottsche, A. L. | E. E. Jr. | Ocean Springs |
| Goza, J. R. | Agr. Sr. | Louisville |
| Grabowski, H. K. | Bus. and Ind Fresh. | Trenton, New Jersey |
| Graham, A. | Bus. and Ind. Spec. | Seminary |
| Graham, D. | W. S. | Ethel |
| Graham, F. C. | Agr. Spec. | Waynesboro |
| Graham, J. K. | Sc. Jr. | Cleveland |
| Graham, R. E. | Agr. Spec. | Seminary |
| Graham, V. E. | Agr. Spec., W. S. | Waynesboro |
| Graham, Z. O. | Agr. Jr. | Waynesboro |
| Grantham, J. W. | Agr., Two-Yr. | Terry |
| Graves, L. C. | Agr. Sr. | Ellisville |
| Gray, A. L. | Agr. Spec. | Fulton |
| Gray, F. N. | Eng. Fresh. | Cleveland |
| Gray, J. G. | Agr. Fresh. | Pascagoula |
| Grayson, W. C. | Agr. Jr. | Louin |
| Greene, R. E. | Agr. Sr. | Booneville |
| Greenlee, W. A. | Bus. and Ind. Fresh. | Columbus |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Gregory, J. | W. S. | Noxapater |
| Gregory, L. F. | Sc. Spec. | Center |
| Griffith, C. E. | E. E. Sr. | Kilmichael |
| Griffith, H. Q. | Eng. Fresh. | Mt. Olive |
| Grimmett, E. J. | Eng. Soph. | Hattiesburg |
| Grisham, W. B. | Agr. Spec., W. S. | Wheeler |
| Groome, T. P. | C. E. Jr. | McNair |
| Gross, E. E. | Agr. Soph. | Inverness |
| Gross, T. M. | Agr. Soph. | Carthage |
| Grundy, J. C. | E. E. Sr. | Meridian |
| Guerry, M. C. | Agr. Sr. | Artesia |
| Gulledge, G. | W. S. | Big Creek |
| Gullett, J. A. | W. S. | Baldwyn |
| Gullett, T. A. | W. S. | Booneville |
| Gully, H. M. | Eng. Fresh. | Louisville |
| Gunby, J. | Agr. Spec., W. S. | Centerville |
| Gunn, B. R. | Agr. Sr., W. S. | Starkville |
| Guthrie, J. | W. S. | Philadelphia |
| Hagler, R. | W. S. | Geneva, Alabama |
| Hailes, F. | W. S. | Shubuta |
| Halford, H. A. | W. S. | Lena |
| Hall, C. P. | Agr. Spec., W. S. | Blountville. Alabama |
| Hall, S. A. | Eng. Fresh. | Hattiesburg |
| Hall, T. C. | W. S. | Red Bay, Alabama |
| Halliburton, J. C. | Agr. Soph. | Benoit |
| Hamilton, J. C. | Agr. Sr. | Brookhaven |
| Hammack, J. W. | Bus. and Ind. Soph. | Scooba |
| Hand, W. F. | Agr. Fresh. | Nortac |
| Haney, T. P. | Sc. Sr. | Burnsville |
| Hankins, H. D. | W. S. | Coffeeville |
| Hanvey, L. B. | Agr. Spec., W. S. | Piedmont, Alabama |
| Harbison, H. M. | Agr. Fresh. | Greenville |
| Harbison, W. L. | Bus. and Ind. Jr. | Greenville |
| Harden, T. D. | Sc. Soph. | Fulton |
| Hardin, M. | Agr. Fresh. | Derma |
| Hardy, J. C. | Agr. Sr. | Crawford |
| Hargrove, T. T. | Sc. Fresh. | Brooksville |
| Harper, G. O. | W. S. | Laurel |
| Harper, H. S. | W. S. | Pittsboro |
| Harrell, C. H. | Agr. Sr | Meridian |
| Harrell, E. F. | Bus. and Ind. Fresh. | Sessums |
| Harris, D. | Bus. and Ind. Spec. | Tchula |
| Harris, D. M. | W. S. | Ashland, Alabama |
| Harris, E. | Unclassified | Skene |
| Harris, F. W. | Bus. and Ind. Soph. | Skene |
| Harris, H. I. | Agr. Jr., W. S. | McHenry |
| Harris, H. M. | Agr. Fresh. | Charleston |
| Harris, J. A. | Agr. Jr. | Stewart |
| Harris, J. L. | Agr. Spec. W. S. | Banks, Alabama |
| Harris, J. T. | Agr. Jr. | Skene |
| Harris, W. C. | Agr. Soph. | Steens |
| Harrison, J. G. | Agr. Spec., W. S. | Philadelphia |
| Harrison, J. W. | Agr. Soph. | Coffeeville |
| Harrison, M. G. | Agr. Soph. | Florence |
| Harrison, R. E. | Eng. Soph., W. S. | Columbus |
| Haskett, A. C. | W. S. | Sulligent, Alabama |
| Hathron, C. H. | W. S. | Louisville |
| Havens, C. J. | Agr. Soph. | VanCleave |
| Hawkins, E. L. | W. S. | Jackson |
| Hayles, J. T. | W. S. | Water Valley |
| Haynen, J. R. | E. E. Sr. | Hattiesburg |
| Haynes, G. F. | Agr. Soph. | Greenville |
| Head, R. M. | Agr. Spec., W. S. | Pineville, Louisiana |
| Heard, R. G. | Agr. Jr. | Indianola |
| Hearon, W. R. | Eng. Fresh. | Ackerman |
| Heckman, J. H. | Agr. Fresh. | Monticello |
| Hegwood, R. T. | Ed. Spec., W. S. | Pineville |
| Henderson, C. C. | Ed. Fresh. | Preston |
| Henderson, C. O. | Agr. Ed. Jr. | Pontotoc |
| Henderson, H. L. | Bus. and Ind. Fresh. | Preston |
| Henderson, L. D. | Agr. Soph. | Preston |
| Henderson, T. A. | Eng. Fresh. | Natchez |
| Henley, J. E. | W. S. | Prairie |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Henne, W. E. | W. S. | Derma |
| Henry, A. J. | W. S. | Longview, Alabama |
| Henry, T. W. | Eng. Fresh. | Water Valley |
| Henson, L. V. | Agr. Spec. | Enid |
| Herlong, R. C. | Unclassified | Hermanville |
| Herring, K. | Agr. Spec., W. S. | Jasper, Alabama |
| Herrington, H. L. | Agr. Jr. | Ellisville |
| Hester, J. C. | Agr. Sr. | Taylorsville |
| Hewett, C. H. | W. S. | Duncansville, Alabama |
| Hickman, R. A. | W. S. | Steens |
| Hicks, E. B. | W. S. | Deemer |
| Hilbun, B. F. | Agr. Fresh. | Soso |
| Hill, B. F. | W. S. | Moss |
| Hill, P. L. | Ed. Fresh. | Paulette |
| Hillman, L. | Agr. Fresh. | Leakesville |
| Hinson, D. L. | W. S. | Braxton |
| Hinton, P. L. | Unclassified | Flora |
| Hitt, S. C. | W. S. | McDonald |
| Hobbs, G. G. | Agr. Soph. | Morgan City |
| Hodge, M. | W. S. | Scottsboro, Alabama |
| Hogaboom, H. G. | Agr. Soph. | Vicksburg |
| Hogaboom, R. E. | Eng. Soph. | Vicksburg |
| Hoggatt, R. S. | Ed. Soph. | Wesson |
| Holcomb, A. L. | Bus. and Ind. Fresh. | Purvis |
| Holcomb, R. C. | Agr. Spec. | Purvis |
| Holifield, R. L. | W. S. | Laurel |
| Holland, T. M. | W. S. | Verona |
| Hollandsworth, J. W. | Agr. Sr. | Rienzi |
| Holley, E. E. | Agr. Ed. Jr. | Clay |
| Holley, F. L. | W. S. | Ripley |
| Hollingshead, B. F. | W. S. | Chicora |
| Hollingsworth, J. P. | Eng. Fresh. | Hollandale |
| Hollinshead, C. C. | E. E. Sr. | Starkville |
| Holloway, H. K. | Eng. Fresh. | Amory |
| Holmes, E. W. | Agr. Soph. | Aberdeen |
| Holmes, T. | Eng. Fresh. | Winona |
| Hooks, J. E. D. | W. S. | Sanford |
| Hopkins, P. O. | W. S. | Mize |
| Horn, G. E. | Agr. Spec., W. S. | Bay Springs |
| Horne, F. F. | Eng. Soph. | Carriere |
| Horne, O. C. | E. E. Sr. | Union |
| Hough, P. M. | Bus. and Ind. Jr. | Minden, Louisiana |
| House, B. C. | Agr. Soph. | Lexington |
| Howard, J. B. | W. S. | Poplarville |
| Howard, S. | Agr. Ed. Sr. | Natchez |
| Howell, H. F. | Eng. Fresh. | Durant |
| Howell, J. E. | Bus. and Ind. Jr. | Durant |
| Hubbard, C. T. | Eng. Soph. | Water Valley |
| Hubbard, J. E. | Ed. Fresh. | Shuqualak |
| Hubbard, J. L. | Agr. Fresh. | Macon |
| Hubbard, R. C. | Agr. Jr. | Iuka |
| Hudson, C. E. | Agr. Fresh. | Pine Bluff, Arkansas |
| Hudson, C. V. | W. S. | Yazoo City |
| Hudson, E. E. | Bus. and Ind. Fresh. | Hattiesburg |
| Hudson, H. | W. S. | Hattiesburg |
| Huff, J. H. | Bus. and Ind. Fresh. | Laurel |
| Hughes, B. A. | Agr. Spec., W. S. | Guin, Alabama |
| Hughes, H. P. | Agr. Jr. | Senatobia |
| Hughes, H. W. | Agr. Fresh. | Water Valley |
| Hughes, J. M. | Bus. and Ind. Fresh. | Macon |
| Hughes, L. H. | Agr. Spec. | Louisville |
| Hughes, T. B. | Agr. Fresh. | Senatobia |
| Hughes, W. L. | Sc. Jr. | Raleigh |
| Hughes, Y. L. | Eng. Fresh. | Bailey |
| Hull, F. M. | Sc. Jr. | Jackson |
| Humble, C. E. | Eng. Soph. | Felixville, Louisiana |
| Humphries, J. A. | Agr. Jr. | Canton |
| Humphries, J. D. | Agr. Spec., W. S. | Louisville |
| Hungerford, H. B. | Unclassified | Tunica |
| Hunnicutt, J. D. | Eng. Soph. | Scooba |
| Hunt, W. | Agr. Spec. | Ackerman |
| Hunt, W. L. | Eng. Soph. | Sardis |
| Hunter, C. T. | M. E. Sr. | Macon |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Hunter, F. M. | E, E. Sr. | Union |
| Hunter, W. B. | Bus. and Ind. Jr. | Prairie |
| Hurst, W. M. | Agr. Soph. | Morton |
| Hutchinson, D. R. | Ed. Spec. | Sturgis |
| Hutchinson, P. C. | Ed. Spec. | Sturgis |
| Hutto, R. H. | Agr. Soph. W. S. | Waynesboro |
| Hyde, I. F. | Agr. Spec., W. S. | Thyatira |
| Hyorth, E. | W. S. | New Orleans, Louisiana |
| Ingram, J. W. | Agr. Jr. | Kilmichael |
| Inman, W. L. | Unclassified | Pocahontas |
| Irving, R. R. | W. S. | Weir |
| Irwin, C. M. | Agr. Fresh. | Kossuth |
| Ishee, R. E. L. | Agr. Fresh. | Louin |
| Jackson, H. W. | Sc. Fresh. | Meridian |
| Jackson, J. I. | W. S. | Laurel |
| Jacob, E. H. | Agr. Soph. | Clarksdale |
| Jacob, J. M. | Eng. Fresh. | Columbus |
| James, A. E. | W. S. | Meridian |
| James, R. W. | Agr. Fresh. | Corinth |
| James, W. R. | W. S. | Delay |
| Jarvis, J. B. | W. S. | Dothan, Alabama |
| Jefcoat, C. F. | W. S. | Laurel |
| Jenkins, E. E. | W. S. | Union |
| Johnson, B. | Bus. and Ind. Fresh. | Philadelphia |
| Johnson, B. A. | Agr. Spec., W. S. | Purvis |
| Johnson, H. S. | Agr. Jr. | Oxford |
| Johnson, J. C. | Agr. Spec. | Fernbank, Alabama |
| Johnson, J. W. | Agr. Soph. | Lake Cormorant |
| Johnson, L. | W. S. | Philadelphia |
| Johnson, L. B. | W. S. | Troy |
| Johnson, M. B. | Unclassified | Washington, Georgia |
| Johnson, T. B. | W. S. | Troy |
| Johnson, T. Y. | Dairying Spec., W. S., New Orleans, Louisiana | |
| Johnson, W. B. | Agr. Fresh. | Oxford |
| Johnson, Walter E. | Agr. Spec., W. S. | Sebastopol |
| Johnson, Willis E. | Agr. Soph. | Luber, Arkansas |
| Johnston, H. G. | Agr. Fresh. | Stringer |
| Johnston, V. M. | Agr. Spec. | Quitman |
| Jolly, R. E. | Agr. Spec., W. S. | Philadelphia |
| Jones, B. W. | Agr. Soph., W. S. | Moselle |
| Jones, C. V. | W. S. | Pinola |
| Jones, D. C. | Dairying Spec., W. S. | Falkner |
| Jones, E. W. | W. S. | Louisville |
| Jones, G. M. | Agr. Spec., W. S. | Aberdeen |
| Jones, G. W. | Agr. Spec. | Moscow |
| Jones, H. H. | Agr. Spec., W. S. | Philadelphia |
| Jones, I. T. | Agr. Jr. | Moselle |
| Jones, J. L. | Agr. Spec., W. S. | Brownfield |
| Jones, J. M. | Bus. and Ind. Fresh. | Mize |
| Jones, L. I. | Agr. Spec. | Richton |
| Jones, L. W. | Agr. Spec., W. S. | Medon, Tennessee |
| Jones, S. P. | Eng. Fresh. | Westboro, Missouri |
| Jones, W. | W. S. | Waynesboro |
| Jones, W. P. | Bus. and Ind. Soph. | Maud |
| Joplin, W. H. | Eng. Spec. | Kosciusko |
| Jordan, P. A. | W. S. | Sheffield, Alabama |
| Jordan, W. E. | Eng. Fresh. | Felixville, Louisiana |
| Jorgenson, H. F. | W. S. | Moulton, Alabama |
| Judd, L. B. | Bus. and Ind. Soph. | Okolona |
| Junkin, D. | Agr. Soph. | Natchez |
| Kaigler, C. P. | Bus. and Ind. Fresh. | Lombardy |
| Kearney, E. N. | Agr. Soph. | Money |
| Kedzierski, S. L. | Ed. Soph. | Trenton, New Jersey |
| Keeton, J. L. | Agr. Spec., W. S. | Wheeler |
| Kellar, R. L. | Agr. Fresh. | Vicksburg |
| Kelly, D. E. | Agr. Spec. | Hattiesburg |
| Kelly, J. A. | W. S. | Groveoak, Alabama |
| Kennedy, L. B. | Eng. Soph. | Cedar Bluff |
| Kenwright, J. | W. S. | Scobey |
| Kerby, C. J. | Unclassified | Sheffield, Alabama |
| Kerr, C. G. | Bus. and Ind. Spec. | High Point |
| Kerr, J. B. | W. S. | Scobey |
| Kiihnl, D. T. | W. S. | Enid |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Kilpatrick, J. A. | Unclassified | Noxapater |
| Kilpatrick, J. F. | Agr. Soph. | Noxapater |
| Kilpatrick, R. L. | Agr. Spec., W. S. | Starkville |
| Kimbell, H. C. | Agr. Spec. | Starkville |
| Kincannon, F. | Eng. Fresh. | Tupelo |
| King, D. G. | Eng. Fresh. | D'Lo |
| King, E. E. | Agr. Jr. | Wilmington, North Carolina |
| King, G. | W. S. | Haleyville, Alabama |
| Kinkade, E. T. | Bus. and Ind. Fresh. | Greenville |
| Kirby, R. G. | Eng. Soph. | Jackson, Tennessee |
| Kirkland, G. L. | W. S. | Pine Level, Alabama |
| Kirkland, O. F. | W. S. | Greenwood |
| Kittrell, S. J. | Agr. Soph. | Leakesville |
| Kittrell, W. D. | Agr. Spec. | County Line |
| Kittrell, W. H. | Eng. Spec. | Laurel |
| Klindworth, M. E. | Sc. Soph. | Water Valley |
| Klutts, B. A. | Agr. Jr. | Eupora |
| Knight, R. B. | W. S. | Seminary |
| Koch, H. E. | Bus. and Ind. Soph. | Hattiesburg |
| Koonce, R. H. | Agr. Soph., W. S. | Alberta, Louisiana |
| Kuykendall, T. R. | Agr. Fresh. | Oakland |
| Lackey, L. | W. S. | Meridian |
| Ladner, F. | Agr. Spec., W. S. | Perkinston |
| Laird, R. F. | Agr. Soph. | Florence |
| Lambert, W. F. | Bus. and Ind. Fresh. | Charleston |
| Lampkin, R. H. | Eng. Soph. | Starkville |
| Lancaster, H. B. | Agr. Sr. | Cary |
| Lancaster, J. S. | W. S. | Houston |
| Land, H. B. | Bus. and Ind. Soph. | Shuqualak |
| Land, J. O. | Unclassified | Columbus |
| Landin, W. G. | Sc. Fresh. | West Point |
| Landreth, G. H. | W. S. | Vardaman |
| Landrum, W. R. | Agr. Spec., W. S. | Lumberton |
| Lane, D. H. | Agr. Fresh. | Hattiesburg |
| Langley, R. P. | Ed. Spec. | Louisville |
| Langley, W. A. | Ed. Jr. | Louisville |
| Law, P. E. | Agr. Sr. | Canton |
| Lawson, J. B. | Eng. Fresh. | Houston |
| Lea, E. T. | Eng. Fresh. | Amory |
| Leach, T. E. | W. S. | Blue Springs |
| Ledbetter, R. T. | Eng. Fresh. | West Jackson |
| Ledyard, H. H. | Eng. Soph. | Shubuta |
| Lee, C. R. | Agr. Fresh. | Ciara |
| Lee, E. E. | W. S. | Rara Avis |
| Lee, E. H. | Bus. and Ind. Soph. | Beach |
| Lee, J. A. | Eng. Soph. | Prentiss |
| Lee, M. E. | Bus. and Ind. Spec. | Ocean Springs |
| Lemmons, J. C. | W. S. | Starkville |
| Lemmons, O. H. | Agr. Fresh., W. S. | Starkville |
| Lenderman, I. C. | W. S. | Starkville |
| Lenzini, A. | W. S. | Leakesville |
| Lewis, J. H. | Sc. Spec. | Magnolia |
| Lewman, H. W. | Agr. Fresh. | McComb |
| Lide, J. H. | Agr. Fresh. | Corinth |
| Lightsey, J. S. | Eng. Fresh. | Laurel |
| Limberick, A. B. | Eng. Fresh. | Natchez |
| Lister, J. H. | W. S. | Atmore, Alabama |
| Little, A. D. | Agr. Soph. | Wesson |
| Little, B. L. | Bus. and Ind. Fresh. | DeKalb |
| Little, H. S. | Bus. and Ind. Jr. | DeKalb |
| Livingston, J. S. | Eng. Fresh. | Louisville |
| Locke, R. C. | W. S. | Laurel |
| Loeb, C. E. | Agr. Soph. | Hazlehurst |
| Loflin, D. F. | Agr., Two-Yr. | Star |
| Loften, W. E. | W. S. | Byram |
| Loftin, E. A. | Agr. Spec., W. S. | Oakvale |
| Loggins, C. S. | Agr. Spec., W. S. | Crystal Springs |
| Long, J. A. | Ed. Fresh. | Ackerman |
| Long, J. C. | W. S. | Canton |
| Long, R. L. | Agr. Sr. | Winona |
| Loper, F. | Sc. Soph. | Lake |
| Lott, D. E. | Agr. Fresh. | Logtown |
| Lott, W. S. | W. S. | McCarley |
| Love, W. W. | Dairying Spec., W. S. | Osborne |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Lovejoy, A. J. | W. S. | Lafayette Springs |
| Low, R. H. | Agr. Fresh. | Greenville |
| Loyd, H. | W. S. | Blountsville, Alabama |
| Lucas, G. P. | Agr. Jr. | Felixville, Louisiana |
| Lucke, C. B. | Eng. Soph. | Agricultural College |
| Luckett, J. E. | Eng. Fresh., W. S. | Jackson |
| Luckett, M. B. | Agr. Fresh. | Jackson |
| Lumpkin, J. W. | Agr. Soph. | Lucedale |
| Lundy, W. V. | Agr. Spec., W. S. | Lexington |
| Luper, C. A. | Agr. Spec. | Prentiss |
| Lyon, R. | Eng. Soph. | Durant |
| Madden, T. D. | Bus. and Ind. Fresh. | Corinth |
| Magruder, L. F. | Sc. Fresh. | Starkville |
| Mains, P. G. | Eng. Fresh. | West Point |
| Majeski, E. F. | Eng. Soph. | Trenton, New Jersey |
| Majure, O. L. | Agr. Fresh. | Dixon |
| Mangum, H. W. | Agr. Fresh. | Mt. Olive |
| Mann, D. H. | Agr. Fresh. | Greenville |
| Manning, J. P. | Unclassified | Drew |
| Manning, S. E. | W. S. | Flomaton, Alabama |
| Maples, R. V. | Agr. Soph. | Oxford |
| Mapp, E. C. | W. S. | Union |
| Marshall, E. W. | W. S. | Winfield, Alabama |
| Martin, E. H. | Agr. Soph. | Satartia |
| Martin, L. W. | Bus. and Ind. Fresh. | Starkville |
| Martin, W. H. | Agr. Fresh. | Puckett |
| Martindale, E. D. | Agr. Fresh. | Pope |
| Mason, G. E. | W. S. | Sulligent, Alabama |
| Mason, H. F. | Eng. Fresh. | Quitman |
| Massingill, C. M. | Agr. Fresh. | Enterprise |
| Massingill, E. C. | Agr. Fresh. | Enterprise |
| Mathis, A. E. | W. S. | Water Valley |
| Matthews, C. G. | Agr. Fresh. | Charleston |
| Matthews, G. C. | W. S. | Winnsboro, Louisiana |
| Mattox, A. J. | Agr. Fresh. | Amory |
| Mattox, H. W. | Sc. Fresh. | Chunky |
| Mauldin, H. E. | Agr. Spec. | Waynesboro |
| Maury, H. F. | W. S. | Lauderdale |
| Maxey, J. A. | W. S. | Philadelphia |
| Maxwell, C. E. | Agr., Two-Yr. | Starkville |
| May, C. F. | Eng. Fresh. | Bucatunna |
| May, W. H. | Agr. Soph. | Brandon |
| Mayfield, J. B. | Agr. Jr. | Mt. Olive |
| Mayfield, J. W. | Agr. Ed. Spec., W. S. | Mt. Olive |
| Mayfield, T.M. | Agr. Sr. | Sylvarena |
| Mayfield, W. W. | E. E. Sr. | Durant |
| Mayo, G. E. | W. S. | Little Rock |
| Mays, J. F. | C. E. Sr. | Lyons |
| McAlister, J. M. | Eng. Soph. | Waynesboro |
| McAllister, A. H. | Eng. Fresh. | New Albany |
| McCain, D. M. | C. E. Sr. | Mathiston |
| McCain, J. E. | Agr. Fresh. | Coldwater |
| McCall, C. C. | Ed. Spec., W. S. | Shubuta |
| McCall, C. S. | Agr., Two-Yr. | Collierville, Tennesee |
| McCallister, B. D. | Bus. and Ind. Jr. | Stewart |
| McCarty, A. G. | Sc. Fresh. | Quitman |
| McCaskill, J. L. | Sc. Fresh. | Columbus |
| McClain, B. E. | Agr. Fresh. | Jackson, Tennessee |
| McCollough, I. C. | W. S. | Sarah |
| McCord, R. F. | Eng. Fresh. | Rienzi |
| McCord, R. L. | Agr., Two-Yr. | Pontotoc |
| McCormick, T. G. | Agr. Jr. | Forest |
| McCormick, W. F. | Agr. Fresh. | Rose Hill |
| McCown, W. F. | W. S. | Aberdeen |
| McCoy, H. B. | W. S. | Newton |
| McCullough, J. M. | Sc. Soph. | Columbus |
| McDonald, J. L. | Eng. Fresh. | Moorhead |
| McDonald, O. S. | Agr. Spec., W. S. | Monroe, Louisiana |
| McDonald, W. G. | Agr. Spec., W. S. | Leakesville |
| McDonald, W. I. | Bus. and Ind. Spec. | Tylertown |
| McDougal, R. A. | E. E. Jr. | Arkabutla |
| McGahey, W. C. | Agr. Ed. Soph., W. S. | Louisville |
| McGahey, W. L. | Agr. Spec., W. S. | Reform, Alabama |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| McGaughey, J. H. | Agr., Two-Yr. | McNair |
| McGee, L. B. | Unclassified | Water Valley |
| McGehee, D. | Agr. Sr. | Smithdale |
| McGowan, G. F. | E. E., Jr. | Hattiesburg |
| McGrew, T. S. | Agr. Spec., W. S. | Sumrall |
| McGuire, R. A. | Eng. Soph. | Tupelo |
| McHan, S. | Agr. Spec., W. S. | Cleveland |
| McHan, W. S. | W. S. | Weir |
| McIlhenny, G. D. | Eng. Fresh. | Forest |
| McInnis, D. C. | Agr. Sr. | Philipp |
| McInnis, S. C. | Agr., Two-Yr. | Prentiss |
| McIntosh, D. A. | Agr. Soph. | Collins |
| McIntosh, J. | Bus. and Ind. Soph. | Crystal Springs |
| McIntosh, K. N. | Eng. Fresh. | Moss Point |
| McKee, A. | W. S. | Dixon |
| McKee, A. G. | Agr. Soph. | Athens, Louisiana |
| McKell, C. V. | E. E. Jr. | Starkville |
| McKenzie, R. B. | W. S. | Randolph, Alabama |
| McKenzie, W. M. | Agr. Fresh. | Mahned |
| McKnight, G. A. | Eng. Fresh. | Faunsdale, Alabama |
| McKnight, J. A. | Agr., Two-Yr. | Augusta, Arkansas |
| McKnight, L. | Agr. Spec., W. S. | Pontotoc |
| McKnight, O. L. | E. E. Sr. | Galloway, Tennessee |
| McKnight, R. | Agr. Fresh. | Greenville |
| McLain, J. E. | W. S. | Richton |
| McLaren, W. P. | Agr. Soph. | New York, New York |
| McLaurin, P. T. | Agr. Soph. | Hollandale |
| McLaurin, R. S. | Bus. and Ind. Fresh. | Brandon |
| McLemore, J. A. | Agr. Spec. W. S. | Pittsboro |
| McLeod, J. E. | Agr. Jr. | Mt. Olive |
| McMahon, T. P. | Bus. and Ind. Fresh. | Greenville |
| McMillan, C. W. | Agr. Fresh. | Booneville |
| McMillan, E. G. | Agr. Soph. | McAdams |
| McMillan, R. C. | Bus. and Ind. Jr. | Booneville |
| McMullen, A. H. | Agr. Fresh. | Maben |
| McNair, H. B. | Unclassified | Purvis |
| McNair, J. E. | Agr. Fresh., W. S. | Purvis |
| McNeel, T. E. | Agr. Soph. | Lake |
| McPherson, D. N. | Bus. and Ind. Fresh. | Ellisville |
| McPherson, J. J. | Agr. Fresh. | Essex |
| McQuaig, J. O. | W. S. | Stonewall |
| McRae, P. H. | Sc. Fresh. | Okolona |
| McRaney, B. S. | Arch. Eng. Soph. | Pascagoula |
| McReynolds, D. S. | Agr. Jr. | Starkville |
| McReynolds, J. L. | Agr. Jr. | Starkville |
| McWilliams, L. M. | Bus. and Ind. Fresh. | Meridian |
| Meador, W. R. | Agr. Fresh. | Hattiesburg |
| Mercer, J. A. | W. S. | Choccolocco, Alabama |
| Merchant, W. A. | Eng. Spec. | Conway |
| Merrell, R. B. | W. S. | Sandy Hook |
| Merrill, J. | W. S. | Haydon, Alabama |
| Metcalf, W. A. | W. S. | St. Joseph, Louisiana |
| Meunier, J. R. | Bus. and Ind. Fresh. | Biloxi |
| Middleton, H. A. | Eng. Fresh. | Mendenhall |
| Middleton, R. L. | Eng. Soph. | McComb |
| Mikell, A. F. | Eng. Fresh. | Silver Creek |
| Milam, O. G. | Eng. Fresh. | Dodson, Louisiana |
| Miller, C. S. | Agr. Spec., W. S. | Bexley |
| Miller, H. | Sc. Fresh. | Greenville |
| Miller, H. G. | Agr. Soph. | Lorman |
| Miller, H. H. | Bus. and Ind. Fresh. | Pheba |
| Miller, J. H. | Sc. Fresh. | West Point |
| Miller, J. K. | Agr. Soph. | Holly Springs |
| Miller, J. N. | Agr. Soph. | Woodville |
| Miller, L. L. | Eng. Soph. | West Point |
| Miller, W. T. | Sc. Spec. | Sallis |
| Mills, I. | Agr. Spec., W. S. | Clara |
| Mills, J. J. | W. S. | Carthage |
| Mills, J. N. | Sc. Spec. | Dossville |
| Mills, S. H. | Bus. and Ind. Fresh. | Vaughn |
| Milner, J. K. | Agr. Sr. | Gulfport |
| Milton, J. | Agr. Soph. | Baldwyn |
| Milton, R. M. | Eng. Soph. | Baldwyn |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Minyard, W. H. | Agr. Soph. | Greenwood |
| Mitchell, E. M. | Agr. Spec., W. S. | Picayune |
| Mitchell, J. D. | W. S. | Fayette, Alabama |
| Mitchell, M. B. | Agr. Soph. | Sardis |
| Mitchell, M. C. | W. S. | Sumrall |
| Mitchener, J. C. | Sc. Fresh. | Tupelo |
| Mixon, W. J. | W. S. | Woodland |
| Moak, C. C. | Eng. Fresh. | Bogue Chitto |
| Mobley, E. P. | Agr. Spec., W. S. | Yazoo City |
| Monaghan, B. | Bus. and Ind. Fresh. | Nettleton |
| Moncrief, R. C. | Agr. Fresh. | Starkville |
| Monroe, A. L. | Agr. Jr. | Lake |
| Montalbano, A. | Eng. Spec., W. S. | Baton Rouge, Louisiana |
| Montgomery, E. E. | Sc. Fresh. | Yazoo City |
| Montgomery, M. | Agr. Fresh. | Madison |
| Moore, A. M. | Agr. Soph. | Bogue Chitto |
| Moore, D. F. | Agr. Fresh. | Pisgah |
| Moore, J. H. | Bus. and Ind. Fresh. | Carthage |
| Moore, J. I. | Bus. and Ind. Fresh. | Weir |
| Moore, J. P. | Agr. Soph. | Mineral Wells |
| Moore, L. C. | Eng. Fresh. | Vance |
| Moore, R. D. | Ed. Jr. | McLeod |
| Moore, Samuel Daniel | Bus. and Ind. Fresh. | Mize |
| Moore, Shelley Duane | W. S. | Gurley, Alabama |
| Moore, S. L. | W. S. | Dennis |
| Moore, W. D. | Agr. Jr. | Carthage |
| Moore, W. E. | W. S. | Harperville |
| Moorman, J. M. | Eng. Fresh. | Gulfport |
| Morehead, C. A. | Bus. and Ind. Jr. | Port Gibson |
| Morgan, F. J. | Ed. Spec. | Whynot |
| Morgan, J. C. | Agr. Fresh. | North Carrollton |
| Morris, D. C. | Agr. Soph. | Hattiesburg |
| Morris, J. B. | Ed. Fresh. | Sanford |
| Morris, J. T. | Agr. Ed. Jr. | Tylertown |
| Morris, R. L. | Eng. Soph. | Vincent, Arkansas |
| Morrow, R. D. | Agr. Soph. | Amory |
| Morton, W. R. | W. S. | DeKalb |
| Mosby, E. B. | Agr. Fresh. | Coldwater |
| Mosley, A. A. | W. S. | Increase |
| Mosley, J. I. | Eng. Fresh. | Gulfport |
| Mott, J. C. | Sc. Soph. | Union |
| Mulhern, L. J. | Agr. Spec. | Alton, Louisiana |
| Munoz, H. | Eng. Fresh. | San Pedro Sula, Honduras |
| Munoz, L | Agr. Eng. Spec. | San Pedro Sula, Honduras |
| Murff, J. L. | Sc. Spec. | Hesterville |
| Murphree, J. R. | W. S. | Senatobia |
| Murray, E. E. | Bus. and Ind. Fresh. | Montpelier |
| Muse, J. F. | Agr. Spec., W. S. | Dublin |
| Myers, A. W. | W. S. | Forest |
| Myers, J. M. | Eng. Soph. | Hattiesburg |
| Myers, R. S. | Eng. Spec. | Fulton |
| Myers, W. J. | Eng. Soph. | Magee |
| Myers, W. L. | W. S. | Harpersville |
| Myrick, W. D. | W. S. | Columbus |
| Naugher, R. E. | Agr. Fresh. | Pontotoc |
| Necaise, R. W. | Agr. Spec., W. S. | Kiln |
| Neill, H. F. | W. S. | Huntsville, Alabama |
| Neill, R. H. | E. E. Jr. | Forest |
| Neill, S. M. | Agr. Eng. Fresh. | North Carrollton |
| Nelson, G. W. | C. E. Jr. | Hattiesburg |
| Nelson, J. L. | Eng. Fresh. | Stonewall |
| Nettles, B. L. | Eng. Spec. | Shubuta |
| Newell, L. H. | Unclassified | Pontotoc |
| Newkirk, J. R. | Sc. Soph. | Charleston |
| Nicholson, L. | Agr. Soph. | Dixon |
| Nickle, S. C. | Bus. and Ind. Jr. | Batesville |
| Nicols, A. G. | Bus. and Ind. Fresh. | Durant |
| Nix, E. S. | W. S. | McCall Creek |
| Noble, A. S. | Bus. and Ind. Soph. | Laurel |
| Noble, J. E. | E. E. Jr. | Jackson |
| Noble, L. W. | Eng. Fresh. | Learned |
| Nobles, G. D. | Sc. Spec., W. S. | Taylorsville |
| Nobles, W. W. | Sc. Soph. | Marks |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Noblin, J. A. | Eng. Fresh. | Cedar Bluff |
| Nolen, I. R. | Agr. Jr. | Alexander City, Alabama |
| Norton, E. R. | Agr. Fresh. | Guntown |
| Norton, J. T. | Bus. and Ind. Fresh. | Vicksburg |
| Nunnelley, T. B. | W. S. | Cullman, Alabama |
| Nussbaum, H. W. | Eng. Fresh. | Cape Girardeau, Missouri |
| Oakes, J. R. | Bus. and Ind. Fresh. | Charleston |
| Ocampo, A. | Sc. Spec. | Baton Rouge, Louisiana |
| Ogletree, R. D. | Agr. Jr. | Dixon |
| Oliphant, L. | Bus. and Ind. Fresh. | Philadelphia |
| Oliphant, T. A. | Ed. Sr. | Amory |
| O'Quinn, W. R. | Bus. and Ind. Soph. | Barto |
| Orlansky, L. | Bus. and Ind. Fresh. | Greenwood |
| Orr, G. L. | Agr. Sr. | Dossville |
| Oswalt, J. | W. S. | Sturgis |
| Oswalt, Z. E. | Agr. Sr. | Longview |
| Otts, R. R. | W. S. | Sulligent, Alabama |
| Ousley, T. J. | Agr. Fresh. | Yazoo City |
| Overstreet, D. | W. S. | Laurel |
| Owens, A. E. | W. S. | Booneville |
| Owens, J. B. | Agr. Soph. | Grenada |
| Pace, A. R. | W. S. | Walnut Grove |
| Pace, C. C. | Bus. and Ind. Fresh. | Pace |
| Pace, I. G. | W. S. | Paden |
| Pace, J. H. | Agr. Fresh. | Pace |
| Palmer, B. C. | Ed. Spec., W. S. | Kellis Store |
| Parker, E. L. | Eng. Fresh. | Corinth |
| Parker, H. W. | Agr. Sr. | Booneville |
| Parker, J. R. | Agr., Two-Yr. | Graysport |
| Parks, H. B. | W. S. | Lafayette Springs |
| Parsons, F. O. | Agr. Soph. | Lucien |
| Partain, W. L. | Agr. Spec. | Lake Village, Arkansas |
| Patrick, J. | Sc. Soph. | Booneville |
| Patterson, G. B. | W. S. | Springville |
| Patterson, J. F. | Dairying Spec., W. S. | Springville |
| Patton, B. K. | Eng. Spec. | Shubuta |
| Payne, H. C. | W. S. | Albertville, Alabama |
| Pearce, J. | Agr. Soph., W. S. | Magnolia, Arkansas |
| Peebles, R. W. | C. E. Jr. | Philadelphia |
| Penn, J. H. | Eng. Soph. | Mt. Olive |
| Pentecost, G. C. | Bus. and Ind. Fresh. | Cleveland |
| Perkins, G. E. | Bus. and Ind. Fresh. | Brooklyn |
| Perkins, H. G. | Eng. Fresh. | Bay St. Louis |
| Perkins, J. P. | Eng. Soph. | Batesville |
| Perry, A. S. | Agr. Soph. | Hollywood |
| Perry, H. L. | Agr. Fresh. | Coldwater |
| Perryman, L. G. | Bus. and Ind. Spec. | Lula |
| Peters, B. J. | Eng. Soph. | Hollandale |
| Peters, E. R. | Unclassified | Blytheville, Arkansas |
| Pettis, A. C. | Agr. Spec. | Mobile, Alabama |
| Pettis, J. L. | Agr. Fresh. | Oxford |
| Pettit, O. E. | Bus. and Ind. Soph. | Kosciusko |
| Pharr, M. | W. S. | Burnsville |
| Phillips, E. A. | W. S. | Jasper, Alabama |
| Phillips, G. | W. S. | Bessemer, Alabama |
| Phillips, J. H. | Agr. Two-Yr. | Starkville |
| Pippin, E. E. | Agr. Spec. | DeSoto |
| Pittman, F. A. | Agr. Soph. | Coffeeville |
| Pitts, G. C. | W. S. | Pontotoc |
| Plyler, J. H. | Arch. Eng. Soph. | Hesterville |
| Poland, L. M. | W. S. | Oxford |
| Polk, F. H. | Agr. Spec. | Prentiss |
| Pollard, J. G. | Agr. Fresh. | McAdams |
| Pope, J. B. | Agr. Jr. | Conway |
| Porter, C. R. | Bus. and Ind. Soph. | Shannon |
| Porter, H. C. | Agr. Spec., W. S. | Lexington |
| Porter, J. S. | Eng. Soph. | Lena |
| Potts, S. F. | Agr. Jr. | Crawford |
| Povall, A. S. | Eng. Soph. | Lexington |
| Powell, B. J. | Unclassified | Greenville |
| Powell, G. A. | Agr. Spec., W. S. | Carson, Alabama |
| Powell, H. C. | Bus. and Ind. Spec. | Vicksburg |
| Powell, R. | Ed. Spec., W. S. | Fulton |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Powers, S. | Eng. Fresh. | Cary |
| Prather, O. A. | Agr. Jr. | Tie Plant |
| Prestage, G. C. | W. S. | Fulton |
| Price, C. S. | W. S. | Bogue Chitto |
| Price, E. E. | Agr., Two-Yr. | Star |
| Price, P. A. | Unclassified | Utica |
| Price, R. L. | Agr. Soph. | Bogue Chitto |
| Price, W. E. | Agr. Fresh. | Clinton |
| Prince, R. E. | Agr. Fresh. | Shuqualak |
| Pryor, E. A. | Bus. and Ind. Fresh. | Calhoun City |
| Pryor, E. E. | Agr. Fresh. | Calhoun City |
| Pulliam, J. C. | W. S. | Double Springs, Alabama |
| Putman, H. C. | W. S. | Slate Springs |
| Putman, H. R. | W. S. | Slate Springs |
| Putman, J. G. | W. S. | Slate Springs |
| Pylant, L. R. | Sc. Fresh. | Purvis |
| Pylant, T. E. | Agr. Spec. | Purvis |
| Quarles, H. V. | Agr. Fresh. | Brooklyn |
| Quekemeyer, R. K. | Agr. Jr. | Yazoo City |
| Rainey, D. W. | Agr. Sr., W. S. | Starkville |
| Ramsay, A. F. | Agr. Eng. Fresh. | Mt. Olive |
| Ramsay, F. R. | E. E. Sr. | Mt. Olive |
| Ramsay, H. B. | E. E. Sr. | Ocean Springs |
| Ratliff, G. D. | Agr. Spec., W. S. | Clinton |
| Rawls, E. | W. S. | Poplarville |
| Rawls, G. A. | Agr. Fresh. | Poplarville |
| Rawls, G. C. | Eng. Soph. | Summit |
| Rawls, L. R. | Agr. Soph. | Hattiesburg |
| Rawls, R. D. | Agr. Jr. | Hattiesburg |
| Ray, R. B. | Sc. Soph. | Kosciusko |
| Rayburn, V. A. | Eng. Fresh. | Sardis |
| Reed, J. H. | Bus. and Ind. Soph. | Wiggins |
| Reed, W. D. | Agr. Jr. | Eupora |
| Reeves, B. N. | Dairying Spec., W. S. | Decatur |
| Reeves, R. G. | Agr. Soph. | Summit |
| Reilly, J. F. | Agr. Soph. | Moss Point |
| Reno, G. A. | Agr. Fresh. | Pascagoula |
| Restrepo, L. F. | Sc. Fresh. | New York, New York |
| Reves, L. | W. S. | Sweatman |
| Reynolds, W. A. | W. S. | Maben |
| Reynolds, W. M. | Bus. and Ind. Soph. | Hattiesburg |
| Rice, G. P. | Bus. and Ind. Soph. | Rosedale |
| Rich, C. S. | Agr. Soph. | Richton |
| Richardson, J. E. | Agr. Spec., W. S. | Philadelphia |
| Richardson, R. H. | W. S. | Crews Depot, Alabama |
| Richey, T. E. | Agr., Two-Yr. | Starkville |
| Richmond, W. B. | Agr. Fresh. | Osyka |
| Ridings, E. C. | Bus. and Ind. Fresh. | Nettleton |
| Riley, C. L. | Agr. Ed. Jr. | Mt. Herman, Louisiana |
| Riley, J. A. | Sc. Fresh. | New Hebron |
| Rimes, L. M. | Agr. Spec. | Tylertown |
| Rinehert, J. T. | W. S. | Corinth |
| Rives, V. C. | Sc. Fresh. | Harperville |
| Robbins, R. N. | W. S. | Shannon |
| Robbins, T. C. | Eng. Soph. | Moss |
| Roberson, R. W. | Agr. Fresh. | Charleston |
| Robert, W. P. | Agr. Sr. | Agricultural College |
| Roberts, A. D. | W. S. | Quitman |
| Roberts, E. S. | Agr. Sr. | Arena |
| Roberts, M. M. | Agr. Sr. | Arena |
| Roberts, V. P. | E. E. Sr. | Jackson, Louisiana |
| Roberts, W. C. | W. S. | Richton |
| Roberts, W. V. | W. S. | Pontotoc |
| Robertson, A. J. | W. S. | Independence, Louisiana |
| Robertson, C. P. | Agr. Spec. | Woodland |
| Robin, R. C. | E. E. Jr. | Jackson |
| Robinson, C. B. | Agr. Spec. | Meridian |
| Robinson, F. M. | W. S. | Athens, Alabama |
| Robinson, S. | Agr. Fresh. | Kilmichael |
| Robinson, W. L. | Agr. Ed. Spec. | Rara Avis |
| Rodgers, A. F. | Bus. and Ind. Fresh. | Weir |
| Rodgers, F. E. | Bus. and Ind. Jr. | Weir |
| Rodgers, H. O. | Agr. Soph. | Weir |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Rodgers, V. D. | W. S. | Pontotoc |
| Rogers, A. L. | Agr. Fresh. | Oakland |
| Rogers, J. W. | Eng. Soph. | Laurel |
| Rogers, W. B. | Agr. Jr. | Ellisville |
| Roring, T. | W. S. | Corinth |
| Rosario, F. del | Agr. Soph. | Cebu, P. I. |
| Rosario, H. del | Eng. Fresh. | Cebu, P. I. |
| Ross, C. A. | Agr. Jr. | Star |
| Ross, C. E. | Agr. Fresh. | Star |
| Roughton, E. W. | Agr. Spec., W. S. | Inverness, Alabama |
| Rowland, M. E. | W. S. | Covin, Alabama |
| Roycroft, H. D. | W. S. | Fayette, Alabama |
| Runnels, B. E. | Agr. Jr. | Ellisville |
| Rush, D. J. | Eng. Fresh. | Philadelphia |
| Rush, J. H. | Eng. Fresh. | Waynesboro |
| Russell, J. M. | Agr. Soph. | Eden |
| Russell, R. O. | W. S. | Derma |
| Russell, R. W. | Agr. Soph. | Puckett |
| Russum, J. F. | Agr. Jr. | Flora |
| Russum, J. H. | W. S. | Lemon |
| Rutledge, I. B. | Agr. Sr. | Iuka |
| Ryan, A. C. | W. S. | Booneville |
| Ryan, T. E. | W. S. | Many, Louisiana |
| Sanders, G. T. | W. S. | Kosciusko |
| Sanders, P. D. | Agr. Jr. | West |
| Sanders, W. W. | Agr. Jr. | Indianola |
| Sanderson, C. S. | Eng. Fresh. | Houston |
| Sappington, E. L. | W. S. | Pontotoc |
| Sargent, G. T. | Agr. Sr. | Calhoun City |
| Saunders, C. E. | Eng. Soph. | Greenwood |
| Saunders, D. A. | Agr. Fresh. | Starkville |
| Saunders, E. B. | Sc. Jr. | Charleston |
| Schmidt, M. P. | E. E. Sr. | Forest |
| Scott, W. E. | Bus. and Ind. Fresh. | Houston |
| Seale, M. J. | W. S. | Pontotoc |
| Seeley, L. P. | Eng. Soph. | Meridian |
| Seilin, M. D. | Ed. Spec. | Chicago, Illinois |
| Seitz, J. L. | Agr. Spec. | West Point |
| Sellars, E. | Eng. Fresh. | Lucedale |
| Sellers, W. A. | W. S. | Waynesboro |
| Shackelford, J. E. | Agr. Spec. | Columbus |
| Shannon, P. C. | W. S. | Pittsboro |
| Shannon, W. R. | Agr. Soph. | Big Creek |
| Sharp, S. I. | W. S. | Corinth |
| Shaw, M. B. | M. E. Jr. | Lewisville, Arkansas |
| Shaw, M. S. | Agr. Spec., W. S. | Ackerman |
| Sheffield, E. E. | Ed. Spec. | Pittsboro |
| Sheffield, L. F. | Agr. Fresh. | Inverness |
| Shelton, S. | Agr. Fresh. | Fayette |
| Shields, R. B. | Eng. Soph. | Natchez |
| Shields, T. C. | Sc. Soph. | New Orleans, Louisiana |
| Shirah, A. M. | W. S. | Ozark, Alabama |
| Shoup, H. H. J. | Agr. Jr. | Michigan City |
| Shows, W. T. | Agr. Spec., W. S. | Sanford |
| Sibert, L. | Agr. Fresh. | Jonesboro, Arkansas |
| Sibley, J. D. | Agr. Ed. Jr. | Sandy Hook |
| Sikes, D. O. | Agr. Spec., W. S. | Edinburg |
| Sikes, P. S. | Ed. Fresh. | Edinburg |
| Simmons, T. R. | Eng. Soph. | Long Beach |
| Sims, C. D. | W. S. | Logansport, Louisiana |
| Sims, J. E. | W. S. | Fayette, Alabama |
| Sims, J. H. | Eng. Fresh. | Water Valley |
| Skinner, E. | W. S. | Drew |
| Skinner, R. S. | Eng. Fresh. | Lucedale |
| Slayden, T. E. | Agr. Fresh. | Holly Springs |
| Smiley, L. | Eng. Spec. | Shubuta |
| Smith, A. B. | W. S. | Okolona |
| Smith, A. V. | Agr. Sr. | West |
| Smith, C. | W. S. | Verona |
| Smith, E. | Agr. Soph. | Harrison |
| Smith, E. M. | Eng. Fresh. | Lamar |
| Smith, G. L. | Agr. Jr. | Mechanicsburg |
| Smith, H. A. | W. S. | Munford, Alabama |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Smith, J. A. | Sc. Soph. | Wilmer, Arkansas |
| Smith, J. D. | Bus. and Ind. Soph. | Senatobia |
| Smith, J. J. | Eng., Fresh. | Lamar |
| Smith, J. L. | Ed. Fresh. | Osyka |
| Smith, J. S. | W. S. | Starkville |
| Smith, L. B. | Agr. Jr. | Magee |
| Smith, M. C. | Agr. Fresh. | Hopkins, South Carolina |
| Smith, M. F. | W. S. | Bay Springs |
| Smith, N. | W. S. | Columbia |
| Smith, O. Z. | Agr. Sr. | Leakesville |
| Smith, R. E. | Unclassified | Drew |
| Smith, R. H. | Sc. Soph. | Fincastle, Virginia |
| Smith, R. J. | Agr. Sr. | Decatur |
| Smith, S. E. | Agr. Fresh. | Clarksdale |
| Smith, T. B. | W. S. | Brookhaven |
| Smith, W. D. | Eng. Fresh. | Canton |
| Smith, W. E. | Agr. Sr., W. S. | Starkville |
| Smith, W. H. | Bus. and Ind. Soph. | Satartia |
| Smith, W. M. | Agr. Ed. Jr. | Osyka |
| Smith, W. T. | Eng. Soph. | Moss Point |
| Snell, W. C. | W. S. | Grove Hill, Ala. |
| Snowden, J. E. | Agr. Fresh. | Hickory |
| Sorrall, J. G. | W. S. | Eupora |
| Spain, T. A. | Agr. Spec. | Booneville |
| Sparkman, J. R. | Agr. Fresh. | Cooksville |
| Speights, H. A. | W. S. | Conway |
| Spencer, W. O. | E. E. Jr. | Okolona |
| Spengler, S. F. | Eng. Spec., W. S. | Raymond |
| Spinks, R. D. | Agr. Soph. | Daleville |
| Stacy, R. U. | Agr. Spec., W. S. | Booneville |
| Stamps, J. E. | Bus. and Ind. Fresh. | Mt. Pleasant |
| Stancell, L. A. | W. S. | Round Mountain, Alabama |
| Stanley, J. E. | Agr. Sr. | West Point |
| Stapleton, D. V. | Agr. Jr. | Hattiesburg |
| Steed, L. | W. S. | Ethel |
| Stegall, D. L. | W. S. | Pontotoc |
| Stennis, H. T. | Eng. Fresh. | Macon |
| Stennis, J. C. | Sc. Soph. | DeKalb |
| Stennis, W. K. | Eng. Fresh. | Mathiston |
| Stephens, R. D. | W. S. | Kitchner |
| Stephenson, V. V. | W. S. | Belden |
| Stephenson, W. T. | W. S. | Ackerman |
| Steuterman, H. J. | Agr. Jr. | Memphis, Tennessee |
| Stevens, J. W. | Agr. Sr. | Montpelier |
| Stevens, W. A. | W. S. | Bay Springs |
| Stigler, L. L. | Agr. Jr. | Yazoo City |
| Stigler, S. J. | Unclassified | Drew |
| Stinson, E. C. | Agr. Sr. | Ridgeway, Virginia |
| Stinson, T. H. | Unclassified | Caledonia |
| Stokes, G. W. | W. S. | Louisville |
| Stone, B. W. | Agr. Fresh. | Thomasville, Georgia |
| Stone, H. E. | Ed. Spec., W. S. | Hillsboro |
| Stone, J. F. | W. S. | Vardaman |
| Stone, J. M. | Sc. Fresh. | Complete |
| Stovall, J. H. | Agr. Spec. | Foxworth |
| Stovall, R. H. | Agr. Fresh. | Greenville |
| Stovall, W. D. R. | Eng. Soph. | Clinton |
| Stowers, J. H. | Agr. Soph. | Pine Ridge |
| Stowers, W. K. | Sc. Jr. | Pine Ridge |
| Strain, C. C. | Bus. and Ind. Fresh. | Tupelo |
| Strain, J. R. | Bus. and Ind. Spec. | Tupelo |
| Street, C. P. | W. S. | Shubuta |
| Streit, J. D. | W. S. | Leighton, Alabama |
| Strickland, J. M. | W. S. | Rienzi |
| Stricklin, E. H. | W. S. | Burnsville |
| Stringfellow, A. M. | Agr., Two-Yr. | Shipman |
| Stroup, W. B. | Agr., Two-Yr. | Ashland |
| Stubbs, C. J. | W. S. | Utica |
| Suber, R. D. | Agr. Soph. | Louisville |
| Suddoth, W. P. | Agr. Soph. | Starkville |
| Sullivan, J. J. | Agr. Fresh. | Longview |
| Sullivan, W. J. | W. S. | Fern Springs |
| Sulzby, J. J. | Sc. Fresh. | Starkville |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Summerour, M. H. | Agr. Soph. | Lucedale |
| Summers, J. F. | Agr. Two-Yr. | Augusta, Arkansas |
| Sumrall, I. B. | W. S. | Laurel |
| Sumrall, O. J. | W. S. | Soso |
| Sutton, J. L. | C. E. Jr. | Indianola |
| Swan, F. E. | Agr. Soph. | Briers |
| Swan, F. O. | Agr. Sr. | Briers |
| Swan, H. L. | Agr. Spec. | Purvis |
| Swartwout, D. G. | E. E. Jr. | Pascagoula |
| Swinson, T. W. | Unclassified | Cedar Bluff |
| Switzer, O. T. | Agr. Spec. | Crossett, Arkansas |
| Sylvester, N. J. | W. S. | Albertville, Alabama |
| Symonds, C. | Agr. Fresh. | Symonds |
| Taggart, V. L. | Agr. Ed. Spec. | Moorhead |
| Talbert, C. B. | Eng. Fresh. | Winona |
| Tate, C. A. | Agr. Jr. | Senatobia |
| Tate, R. A. | Eng. Fresh. | Water Valley |
| Taylor, A. E. | W. S. | Mathiston |
| Taylor, E. T. | Agr. Sr. | Gulfport |
| Taylor, F. N. | Bus. and Ind. Fresh. | Percy |
| Taylor, J. A. | Agr. Soph. | Leland |
| Taylor, L. V. | W. S. | Sheffield, Alabama |
| Taylor, M. P. | Ed. Fresh. | Duck Hill |
| Taylor, W. F. | Agr. Jr. | Como |
| Templeton, L. M. | Eng. Fresh. | Centerville |
| Templeton, W. L. | W. S. | Starkville |
| Tennison, C. L. | W. S. | Tomnolen |
| Thigpen, D. | M. E. Sr. | Lake Como |
| Thomae, A. | Agr. Sr. | Fayette |
| Thomae, G. | Agr. Spec. | Fayette |
| Thomas, S. H. | Bus. and Ind. Spec. | Elliott |
| Thompson, A. G. | Agr. Soph. | Boyce, Louisiana |
| Thompson, G. A. | Agr. Soph. | Percy |
| Thompson, H. L. | Agr. Spec., W. S. | Ruth |
| Thornton, O. F. | Bus. and Ind. Fresh. | Boyle |
| Thornton, S. B. | Agr. Spec., W. S. | Rogersville, Alabama |
| Tibbs, E. C. | Agr. Fresh. | Hushpeckena |
| Timbes, C. A. | Agr. Soph. | Burnsville |
| Tindall, B. F. | Agr. Spec., W. S. | Houlka |
| Tindall, R. C. | Agr. Soph. | Indianola |
| Tinnon, J. E. | Agr. Sr. | Ellisville |
| Tolar, J. H. | W. S. | Hathorn |
| Toler, H. N. | Eng. Spec. | French Camp |
| Tooles, J. F. | W. S. | Eufaula, Alabama |
| Torrey, J. | Agr. Fresh. | Union Church |
| Torrey, P. | Agr. Soph. | Union Church |
| Townes, B. W. | Agr. Jr. | Grenada |
| Townsend, A. R. | W. S. | Harperville |
| Trapp, I. B. | Sc. Fresh. | Philadelphia |
| Trigg, R. L. | Sc. Soph. | Clara |
| Triplett, J. H. | Sc. Soph. | Crawford |
| Triplett, J. L. | M. E. Jr. | McCool |
| Trippe, S. L. | W. S. | Ethel |
| Trussell, E. W. | Agr. Soph. | Susie |
| Tucker, A. H. | W. S. | Pace |
| Turman, W. F. | Agr. Ed. Soph, W. S. | Amory |
| Turner, H. V. | W. S. | Athens, Alabama |
| Turner, N. L. | Agr. Spec. | Leakesville |
| Turner, T. A. | W. S. | Marydell |
| Turner, T. Q. | Bus. and Ind. Sr. | Saltillo |
| Tyrone, R. E. | Agr., Two-Yr. | Prentiss |
| Tyson, W. S. | Bus. and Ind. Fresh. | Starkville |
| Underwood, J. C. | Eng. Spec. | Arkabutla |
| Underwood, J. O. | W. S. | Tishomingo |
| Underwood, L. Q. C. | Agr. Jr. | Sebastopol |
| Ungerecht, J. D. | Eng. Spec., W. S. | Henning, Tennessee |
| Utsey, E. G. | W. S. | Shubuta |
| Vaiden, H. W. | Bus. and Ind. Fresh. | Hernando |
| Vance, L. B. | Agr. Soph. | Slate Springs |
| Vaughn, J. S. | Ed. Jr. | Shannon |
| Vaughn, B. W. | Bus. and Ind. Spec. | Calhoun City |
| Vaughn, J. W. | Agr. Fresh. | Ellisville |
| Venne, E. A. | Ed. Spec. | St. Vincent, Minnesota |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Vick, A. M. | Agr. Spec. W. S. | Ellisville |
| Vinzant, G. W. | Eng. Soph. | Burns |
| Vinzant, W. B. | Agr. Jr. | Burns |
| Waldron, C. L. | Eng. Soph. | Simsboro, Louisiana |
| Walker, B. W. | Eng. Fresh. | Jackson |
| Wallace, C. T. | Agr. Fresh. | Monticello, Arkansas |
| Wallace, H. E. | Agr. Sr. | Ripley |
| Wallace, J. | W. S. | Booneville |
| Wallace, J. M. | Agr. Soph. | Ripley |
| Wallace, J. W. | Agr. Jr. | Longview |
| Wallace, L. C. | W. S. | Forest |
| Wallace, W. A. | W. S. | Coldwater |
| Waller, T. | W. S. | Greenville |
| Walls, M. P. | Eng. Fresh. | Holly Grove, Arkansas |
| Walton, J. D. | Unclassified | Drew |
| Ward, A. B. | Ed. Spec., W. S. | Semmes, Alabama |
| Ward, C. H. | Agr., Two-Yr. | Shipman |
| Ward, J. E. | W. S. | Woodland |
| Ward, P. R. | Agr., Two-Yr. | Shipman |
| Ware, B. F. | Agr. Jr. | Elliott |
| Ware, G. W. | Agr. Fresh. | Belen |
| Warner, M. D. | W. S. | Ovett |
| Warren, J. C. | Agr. Fresh. | Kellis Store |
| Warren, J. E. | W. S. | Sandy Hook |
| Warrington, N. J. | W. S. | Vaiden |
| Washburn, J. A. | Agr. Spec., W. S. | Sylvania, Alabama |
| Watrous, J. F. | E. E. Sr., W. S. | Long Beach |
| Watson, W. | W. S. | Avalon |
| Watt, H. C. | Agr. Spec. | Blue Springs |
| Watts, L. | W. S. | Bassfield |
| Watts, R. B. | Agr. Fresh. | Columbus |
| Watts, S. C. | Bus. and Ind. Fresh. | Meridian |
| Weatherbee, C. L. | W. S. | Wheeler |
| Weathersby, J. H. | Sc. Fresh. | Canton |
| Weathersby, W. O. | Eng. Soph. | Greenwood |
| Webb, A. B. | Sc. Jr. | Jackson |
| Webb, K. B. | C. E. Sr. | Nettleton |
| Webb. L. C. | W. S. | Calhoun City |
| Webb, M. A. | Agr. Soph. | Hazlehurst |
| Webb, V. W. | Agr. Spec. | Noxapater |
| Webb W. C. | C. E. Jr. | Nettleton |
| Wedgworth, H. H. | Agr. Soph. | Lauderdale |
| Weissinger, F. J. | Bus. and Ind. Soph. | Louise |
| Welborn, J. P. | Agr. Sr. | Soso |
| Welch, C. W. | Agr. Spec. | Puckett |
| Welch, J. A. | Agr. Ed. Spec. | Smithville |
| Welch, S. | W. S. | Luverne, Alabama |
| Welch W. D. | Ed. Fresh. | Osyka |
| Wellman J. W. | Agr. Two-Yr. | Foxworth |
| West F. B. | W. S. | Verona |
| West, H. J. | Agr. Fresh. | Slate Springs |
| West, R. R. | Dairying Spec., W. S. | Lorman |
| Westbrook, J. O. | Agr. Jr. | Buena Vista |
| Westbrook, O. A. | W. S. | Roxie |
| Weston, C. L. | Arch. Eng. Soph. | Logtown |
| Wheatley, P. | Agr. Fresh. | Greenville |
| Wheeler, J. B. | Agr. Spec. | Fulton |
| Wheeler, J. O. | Agr. Spec., W. S. | Chunky |
| Wheeler, Z. D. | Agr. Spec., W. S. | Fulton |
| Wheeless, L. A. | Agr. Spec., W. S. | Rio |
| Whetstone, G. R. | Agr. Fresh. | Woodville |
| Whitaker, F. G. | Agr. Spec. | Mechanicsburg |
| White, F. H. | Bus. and Ind. Soph. | West Point |
| White, F. R. | Agr. Sr. | Nola |
| White, G. L. | Agr. Jr. | Beach |
| White, H. B. | Agr. Spec. | Picayune |
| White, M. B. | W. S. | Philadelphia |
| White, R. L. | Bus. and Ind. Fresh. | Sumner |
| Whitehead, C. B. | Agr. Spec. | Fulton |
| Whitfield, F. M. | W. S. | Picayune |
| Whittington, A. K. | Bus. and Ind. Soph. | Tunica |
| Wicker, B. J. | W. S. | Troy, Alabama |
| Wier. G. W. | Eng. Soph. | Quitman |

| Name. | Course-Class. | Home Address. |
|---|---|---|
| Wiggins, C. H. | Eng. Spec. | Toomsuba |
| Wilbanks, L. R. | Agr. Jr. | Ofahoma |
| Wilkerson, T. L. | Agr. Jr. | Daleville |
| Wilkins, A. L. | Bus. and Ind. Fresh. | Waynesboro |
| Wilkins, J. D. | Agr. Fresh. | Arkadelphia, Arkansas |
| Wilkinson, W. B. | Bus. and Ind. Soph. | Somerville, Tennessee |
| Wilkinson, W. M. | Eng. Fresh. | Woodville |
| Willard, A. E. | Agr., Two-Yr. | Gallion, Ala. |
| Willbanks, F. | W. S. | Walnut |
| Williams, C. A. | Agr. Fresh. | Columbus |
| Williams, C. S. | Agr. Fresh. | Ellisville |
| Williams, G. D. | Agr. Sr. | Magee |
| Williams, H. B. | Eng. Spec. | Bassfield |
| Williams, N. H. | W. S. | Eupora |
| Williams, R. R. | W. S. | Arcola |
| Williams, S. K. | Bus. and Ind. Fresh. | Kosciusko |
| Williamson, J. P. | Agr. Spec., W. S. | Stonewall, Louisiana |
| Williford, S. D. | E. E. Sr. | Carrollton |
| Wilson, A. T. | W. S. | Muscle Shoals, Alabama |
| Wilson, F. M. | Sc. Sr., W. S. | Middleton, Tennessee |
| Wilson, H. H. | Agr. Fresh. | Philadelphia |
| Wilson, J. L. | Agr. Sr. | Batesville |
| Wilson, J. T. | Agr. Jr. | Pontotoc |
| Wilson, N. E. | Agr. Soph. | Mantee |
| Wilson, T. | W. S. | Corinth |
| Wilson, W. P. | Agr. Sr., W. S. | Tupelo |
| Wilson, W. X. | Agr. Fresh. | Tupelo |
| Winfield S. | Agr. Spec. | Cedar Bluff |
| Winn, G. J. | Agr. Soph. | Belzoni |
| Winter, O. T. | W. S. | Derma |
| Wiseman, C. K. | Agr., Two-Yr. | Sherman |
| Wisner, F. E. | Agr. Soph. | Dermott, Arkansas |
| Wolf, C. | W. S. | New Orleans, Louisiana |
| Wood, A. M. | Agr. Soph. | Grenada |
| Wood, E. | W. S. | Blue Mountain |
| Woodall, E. E. | Bus. and Ind. Sr. | Coffeeville |
| Woodard, J. H. | Eng. Fresh. | West Point |
| Woodbury, M. D. | Agr. Soph. | Bainbridge, Georgia |
| Woodham, E. C. | Agr. Fresh. | Moss Point |
| Woodham, K. R. | Eng. Fresh. | Escatawpa |
| Woods, J. M. | Eng. Soph. | Mechanicsburg |
| Woods, R. P. | Agr. Soph. | Indianola |
| Wooldridge, J. T. | Ed. Spec., W. S. | Thorn |
| Wooten, H. S. | Eng. Fresh. | Mathiston |
| Wooten, S. J. | Agr. Jr. | Coldwater |
| Word, H. S. | Eng. Soph. | Aberdeen |
| Worthington, A. D. | Agr. Jr. | Leota Landing |
| Wright, J. W. | Agr. Soph. | Isola |
| Yarbrough, W. B. | Agr, Jr., W. S. | Plattsburg |
| Yeatman, T. H. | Agr. Fresh. | Longview |
| Yelverton, C. N. | Agr. Soph. | Mize |
| Yelverton, E. J. | Agr. Spec. | Mize |
| Yorks, W. E. | Eng. Fresh. | Charleston |
| Young, D. M. | Agr. Soph. | Pascagoula |
| Young, H. C. | Agr. Jr. | Jackson |
| Young, J. C. | Sc. Fresh. | Pascagoula |
| Young, J. E. | Agr. Fresh. | Prairie |
| Young, W. G. | Bus. and Ind. Spec. | Booneville |
| Zwald, J. H. | Agr. Soph. | Amory |

# CORRESPONDENCE STUDENTS

| Name. | | Address. |
|---|---|---|
| | **AGRICULTURAL ECONOMICS.** | |
| Major, Rowland | | Route 8, Jackson, Tennessee |
| Breland, O. P. | | Maben |
| | **AGRICULTURAL ENGINEERING.** | |
| Bryant, N. D. | | Route 2, Paducah, Kentucky |
| | **AGRONOMY.** | |
| Bryant, N. D. | | Route 2, Paducah, Kentucky |
| Crisler, J. N. | | Tallulah, Louisiana |
| Hawkins, M. F. | | Whitesville, Kentucky |
| Hilbun, Bura | | Jackson |
| Jeter, E. E. | | Pheba |
| Major, Roland | | Route 8, Jackson, Tennessee |
| Rainey, O. J. | | Vicksburg |
| Rose, E. J. | | Tulsa, Oklahoma |
| Tierney, J. V. | | Tulsa, Oklahoma |
| Vinzant, W. B. | | Tallulah, Louisiana |
| | **DAIRY HUSBANDRY.** | |
| Bryant, N. D. | | Route 2, Paducah, Kentucky |
| Willis, Miss Mina | | Auburn, Alabama |
| | **EDUCATION.** | |
| Johnson, J. G. | | Mountain Creek, Alabama |
| Kellogg, Miss Ruth | | Brookhaven |
| McMullen, G. G. | | Bailey |
| Napier, O. K. | | Cedar Bluff |
| Oakes, N. C. | | College |
| Overstreet, Miss Carolyn | | Raymond |
| Underwood, R. C. | | Sebastopol |
| Young, C. E. | | Purvis |
| | **ENGLISH.** | |
| Johnson, J. G. | | Mountain Creek, Alabama |
| | **HORTICULTURE** | |
| Mills, R. H. | | Piave |
| | **MODERN LANGUAGE—FRENCH.** | |
| McMullen, G. G. | | Bailey |
| Jolly, R. I. | | Bailey |
| | **POULTRY, ELEMENTARY.** | |
| Barfield, Miss Esther | | Oneonta, Alabama |
| Bass, C. H. | | Hickory Flat |
| Bennett, Miss Bettie | | Luverne, Alabama |
| Copeland, Mrs, Susie | | Russellville, Alabama |
| Jones, Miss Pearl | | Elba, Alabama |
| Lingo, Mrs. Victoria | | Tuskegee, Alabama |
| McDonald, N. H. | | Durant |
| McFarland, J. C. | | Sandersville |
| Wharton, Miss Ruth | | Opelika, Alabama |
| | **POULTRY, ADVANCED.** | |
| Everhart, J. C. | | Waveland |
| McFarland, J. C. | | Sandersville |
| | **PUBLIC DISCOURSE.** | |
| Brown, Miss Cordelia | | Kentwood, Louisiana |
| Bryant, N. D. | | Route 2, Paducah, Kentucky |
| Overstreet, Miss Carolyn | | Raymond |
| | **ZOOLOGY AND ENTOMOLOGY.** | |
| Bryant, N. D. | | Route 2, Paducah, Kentucky |

## SUMMARY.

| | |
|---|---|
| Graduate Students | 16 |
| Agricultural Seniors | 61 |
| Agricultural Juniors | 82 |
| Agricultural Sophomores | 131 |
| Agricultural Freshmen | 168 |
| Agricultural Specials | 147 |
| Two-Year Agriculture | 29 |
| Agricultural Education Seniors | 2 |
| Agricultural Education Juniors | 7 |
| Agricultural Education Sophomores | 2 |
| Agricultural Education Freshmen | 1 |
| Agricultural Education Specials | 4 |
| Agricultural Engineering Sophomores | 2 |
| Agricultural Engineering Freshmen | 3 |
| Agricultural Engineering Specials | 3 |
| Architectural Engineering Sophomores | 3 |
| Business and Industry Seniors | 4 |
| Business and Industry Juniors | 14 |
| Business and Industry Sophomores | 29 |
| Business and Industry Freshmen | 71 |
| Business and Industry Specials | 20 |
| Dairying Specials | 11 |
| Education Seniors | 1 |
| Education Juniors | 4 |
| Education Sophomores | 5 |
| Education Freshmen | 10 |
| Education Specials | 19 |
| Civil Engineering Seniors | 4 |
| Electrical Engineering Seniors | 19 |
| Mechanical Engineering Seniors | 3 |
| Civil Engineering Juniors | 11 |
| Electrical Engineering Juniors | 16 |
| Mechanical Engineering Juniors | 4 |
| Engineering Sophomores | 64 |
| Engineering Freshmen | 107 |
| Engineering Specials | 20 |
| Horticultural Specials | 1 |
| Science Seniors | 4 |
| Science Juniors | 7 |
| Science Sophomores | 25 |
| Science Freshmen | 29 |
| Science Specials | 8 |
| Unclassified | 34 |
| War Students, Vocational Training | 359 |

| | |
|---|---|
| 1. Total Attendance During Regular Session to January 19, 1921 | 1564 |
| 2. War Students (included in 1) | 506 |
| 3. Attendance, Summer Normal (not included in 1) | 682 |
| 4. Correspondence Courses (not included in 1) | 33 |

# DEGREES CONFERRED, 1920

## MASTER OF SCIENCE.

Arnold, George Felix (Science, 1919).....Starkville
Chen, Shao Shun (Agriculture) .....Foochow, China

## BACHELOR OF SCIENCE.

| Name. | School of Agriculture. | Home Address. |
|---|---|---|
| Bacot, J. S. | | Osyka |
| Billingsley, M. C. | | Winona |
| Brent, J. T., "1919" | | Laurel |
| Butcher, R. A., "With Honors" | | Lyman |
| Chiles, T. H. | | Starkville |
| Collins, B. L. | | New Orleans, Louisiana |
| Colmer, R. P., "With Honors" | | Moss Point |
| Conn, W. E. | | Hattiesburg |
| Critz, H. M. | | Russellville, Arkansas |
| Crowe, M. T. | | Starkville |
| Donaldson, B. A. | | Aberdeen |
| Douglass, J. T. Jr. | | McLeod |
| Ewing, K. P. | | Vaughan |
| Grant, B. E., "With Honors" | | Ecru |
| Griffin, M. C. | | Natchez |
| Henderson, C. G. | | Pontotoc |
| Henley, R. N. | | Prairie |
| Holloway, K. W., "1919" | | Brookhaven |
| Houston, P. D. | | Sylvarena |
| Killebrew, J. R. | | Ebenezer |
| Lee, J. E. | | Prentiss |
| Lott, G. L. | | New Augusta |
| Mabry, M. H. | | Dublin |
| Martin, G. I. | | Meridian |
| Mason, A. S., Jr. | | Quitman |
| O'Quinn, J. M. | | Tylertown |
| Pearson, G. B., "1919" | | Port Gibson |
| Porter, W. W., "1919" | | Lambert |
| Prescott, R. G., "1919" | | Waynesboro |
| Price, R. C. | | Morgan City |
| Ramsey, G. B., "1919" | | Durant |
| Ross, R. M. | | Hattiesburg |
| Scoggins, J. F., "1918" | | Laurel |
| Smith, H. L. | | Wesson |
| Spann, R. R. | | Highlandale |
| Swift, J. B. | | Knoxo |
| Tims, J. I. | | Jackson, Louisiana |
| Vernon, J. V. | | McComb |
| Virden, B. H. | | Cynthia |
| Williamson, A. L. | | Decatur |
| Williamson, J. F., "With Honors" | | Edmondson, Arkansas |
| Wilson, James T. | | French Camp |
| Yaeger, G. | | Vicksburg |
| | **School of Engineering—Civil.** | |
| Allen, Henry | | Sardis |
| McCune, E. D. | | Durant |
| Sallis, J. E. | | Kosciusko |
| | **School of Engineering—Electrical** | |
| Batson, B. C. | | Wiggins |
| Berry, W. D., Jr. | | Georgetown |
| Bolton, C. W. | | Booneville |
| Brandon, M. M., "1919" | | Pinckneyville |
| Burton, R. E., "1919" | | Winona |
| Davis, R. L. | | Olive Branch |
| Emmons, W. M., "With Special Honors" | | Corinth |
| Forbriger, R. J. | | Atchison, Kansas |

| Name. | Home Address. |
|---|---|
| Jones, T. R. | Hermanville |
| Martin, Roy | Starkville |
| Pickering, C. A. | Mt. Olive |
| Taylor, W. Flanagan | Pelahatchie |
| Wall, W. E. | Pond |
| Welborn, C. R. | Hattiesburg |

**School of Engineering—Mechanical.**

| | |
|---|---|
| Berry, W. D., Jr. | Georgetown |
| Cowan, J. J. | Greenville |
| Jones, T. R. | Hermanville |
| Perry, F. M. | Hollywood |
| Reid, W. M. | Canton |
| Stewart, E. C. | Arkansas City |

**School of Education**

| | |
|---|---|
| Bailey, W. E. | Jackson |
| Cox, L. W. | Columbus |
| Cooper, H. V. | Kilmichael |
| Foster, H. E., "1919" | Monticello |
| Napier, J. H. | Poplarville |
| Norman, W. L. | Houlka |
| Weeks, J. M., "1918" | Ruleville |

**School of Business and Industry.**

| | |
|---|---|
| Downer, W. C. | Columbus |
| Hamilton, E. J., "With Honors" | Houlka |
| LeFlore, John | Valley Hill |
| Tingle, C. M., "1919" | Utica |

**School of Science.**

| | |
|---|---|
| Criss, J. W. | Starkville |
| Deen, R. B. | Bassfield |
| Dorroh, G. D. | Scott |
| Eckford, J. F. | Starkville |
| Jones, F. H. | Rosedale |
| Jones, L. A. | Moss Point |
| McIntosh, A., "1918" | Ratliff |
| Pinkney, A. E. | Brooklyn, New York |
| Powe, W. A. | Hattiesburg |
| Raines, W. G., Jr. | Jackson |
| Williford, E. S., "1918" | Carrollton |

# INDEX